

# Product Datasheet

## Glutamine Synthetase Antibody (MSVA-750M) NBP3-57260-0.1ml

Unit Size: 0.1 ml

Store at 4C.

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**NBP3-57260-0.1ml**

Glutamine Synthetase Antibody (MSVA-750M)

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Storage                     | Store at 4C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Clone                       | MSVA-750M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Preservative                | <0.1% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Isotype                     | IgG2c Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Purity                      | Protein A or G purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Buffer                      | 10mM PBS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Description                 | <p>This antibody is highly specific and optimized for use in Immunohistochemistry.</p> <p>It has been validated on TMAs covering <b>76 normal tissues</b> and numerous cancer tissues.</p> <p>The antibody concentration is optimized for dilution within dilution range using commercially available antibody diluent for immunohistochemistry.</p> <p><b>Positive Control</b><br/>Positive control:Liver: A strong GS staining should be seen of centrilobular hepatocytes while staining is weak to moderate in Kupffer cells..</p> <p><b>Negative Control</b><br/>Negative control:Liver: Periportal hepatocytes must be GS negative in the normal liver.</p> <p><b>Storage</b><br/>Antibody can be stored at 4degC. For extended storage, aliquot and store at -20degC. Avoid repeated freeze-thaw cycles.</p> |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene ID                     | 2752                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Symbol                 | GLUL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Immunogen                   | Recombinant fragment (around aa 50-250) of human GLUL protein (exact sequence is proprietary) Swissprot P15104                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Applications                | Immunohistochemistry-Paraffin, Immunohistochemistry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Recommended Dilutions       | Immunohistochemistry, Immunohistochemistry-Paraffin 1:100 1:200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Application Notes           | Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121C in pH 7,8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.                                                                                                                                                                                                                                                                                                                                                                                                            |





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### **Products Related to NBP3-57260-0.1ml**

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|                   |                                                    |
|-------------------|----------------------------------------------------|
| HAF007            | Goat anti-Mouse IgG Secondary Antibody [HRP]       |
| NB7539            | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP2-52376-0.02mg | Recombinant Human Glutamine Synthetase Protein     |
| DKK300            | Kallikrein 3/PSA [HRP]                             |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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