

# Product Datasheet

## **GAD2/GAD65 Antibody (MSVA-602M)** **NBP3-57262-0.1ml**

Unit Size: 0.1 ml

Store at 4C.

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**NBP3-57262-0.1ml**

GAD2/GAD65 Antibody (MSVA-602M)

| 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-602M                                                                                   |
| Preservative        | <0.1% Sodium Azide                                                                          |
| Isotype             | IgG2b 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:Pancreas: A strong GAD2 staining should be seen in pancreatic islet cells..</p> <p><b>Negative Control</b><br/>Negative control:Colon: GAD2 immunostaining should be absent in all cell types</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             | 2572                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Symbol         | GAD2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Species             | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Immunogen           | Recombinant human GAD2 (GAD65) protein fragment (around aa 6-99) (exact sequence is proprietary) Swissprot Q05329                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

| 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 NBP3-57262-0.1ml

|                    |                                                      |
|--------------------|------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]         |
| NB7539             | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]   |
| NBP1-43317-0.5mg   | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) |
| H00002572-P02-10ug | Recombinant Human GAD2/GAD65 GST (N-Term) Protein    |

### 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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