

# Product Datasheet

## MSH6 Antibody (MSVA-906R)

### NBP3-57234-0.1ml

Unit Size: 0.1 ml

Store at 4C.

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**NBP3-57234-0.1ml**

MSH6 Antibody (MSVA-906R)

**Product Information**

|                      |                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 0.1 ml                                                                                      |
| <b>Concentration</b> | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C.                                                                                |
| <b>Clonality</b>     | Monoclonal                                                                                  |
| <b>Clone</b>         | MSVA-906R                                                                                   |
| <b>Preservative</b>  | <0.1% Sodium Azide                                                                          |
| <b>Isotype</b>       | IgG                                                                                         |
| <b>Purity</b>        | Protein A or G purified                                                                     |
| <b>Buffer</b>        | 10mM PBS                                                                                    |

**Product Description**

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | <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:Tonsil: Virtually all mantle zone B-cells must show an at least weak to moderate nuclear staining. A moderate to strong nuclear staining must be seen in the germinal centre B-cells..</p> <p><b>Negative Control</b><br/>Negative control:Colon adenocarcinoma with previously documented loss of MSH6 expression: Nuclear staining should be absent in cancer cells, while a nuclear staining must be seen in stromal and inflammatory cells.</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> |
| <b>Host</b>        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Gene ID</b>     | 2956                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Gene Symbol</b> | MSH6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Immunogen</b>   | Recombinant fragment (around aa 1-100) of human MSH6 protein (exact sequence is proprietary) Swissprot P52701                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

**Product Application Details**

|                              |                                                                |
|------------------------------|----------------------------------------------------------------|
| <b>Applications</b>          | Immunohistochemistry-Paraffin, Immunohistochemistry            |
| <b>Recommended Dilutions</b> | Immunohistochemistry, Immunohistochemistry-Paraffin 1:75 1:150 |



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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application Notes</b> | 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 1:100 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 NBP3-57234-0.1ml**

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|                    |                                                     |
|--------------------|-----------------------------------------------------|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891         | Rabbit IgG Isotype Control                          |
| H00002956-Q01-10ug | Recombinant Human MSH6 GST (N-Term) Protein         |

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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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