

# Mesothelin Rabbit pAb

Catalog # AP100126

## Product Information

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| <b>Application</b>                      | WB, IHC-P, IHC-F, IF                                                                                                                                                                                                                                                      |
| <b>Primary Accession</b>                | <a href="#">Q13421</a>                                                                                                                                                                                                                                                    |
| <b>Other Accession</b>                  | <a href="#">Q13421</a>                                                                                                                                                                                                                                                    |
| <b>Reactivity</b>                       | Rat, Human, Mouse                                                                                                                                                                                                                                                         |
| <b>Host</b>                             | Rabbit                                                                                                                                                                                                                                                                    |
| <b>Clonality</b>                        | Polyclonal                                                                                                                                                                                                                                                                |
| <b>Calculated MW</b>                    | 68070                                                                                                                                                                                                                                                                     |
| <b>Physical State</b>                   | Liquid                                                                                                                                                                                                                                                                    |
| <b>Immunogen</b>                        | KLH conjugated synthetic peptide derived from human Mesothelin                                                                                                                                                                                                            |
| <b>Epitope Specificity</b>              | 351-450/630                                                                                                                                                                                                                                                               |
| <b>Isotype</b>                          | IgG                                                                                                                                                                                                                                                                       |
| <b>Purity</b>                           | affinity purified by Protein A                                                                                                                                                                                                                                            |
| <b>Buffer</b>                           | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.                                                                                                                                                                                                         |
| <b>SIMILARITY</b>                       | Belongs to the mesothelin family.                                                                                                                                                                                                                                         |
| <b>SUBUNIT</b>                          | Interacts with MUC16.                                                                                                                                                                                                                                                     |
| <b>Post-translational modifications</b> | Both MPF and the cleaved form of mesothelin are N-glycosylated. Proteolytically cleaved by a furin-like convertase to generate megakaryocyte-potentiating factor (MPF), and the cleaved form of mesothelin.                                                               |
| <b>Important Note</b>                   | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.                                                                                                                                                 |
| <b>Background Descriptions</b>          | Mesothelin(MSLN)may play a role in cell adhesion and cell shape dynamics; human homolog highly expressed in renal cell carcinoma. malignant tumors, such as a skin lump, ovary cancer and the pancreas cancer...etc..Mainly used for the research of the malignant tumor. |

## Additional Information

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| <b>Gene ID</b>     | 10232                                                                                                                                                                                           |
| <b>Other Names</b> | MPF; SMRP; MSLN_HUMAN; MSLN; CAK1 antigen; Pre-pro-megakaryocyte-potentiating factor; mesothelin                                                                                                |
| <b>Dilution</b>    | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,WB=1:500-2000                                                                                                                                      |
| <b>Storage</b>     | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| <b>Name</b> | MSLN |
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| <b>Synonyms</b>          | MPF                                                                                                                                                                                                                 |
| <b>Function</b>          | Membrane-anchored forms may play a role in cellular adhesion.                                                                                                                                                       |
| <b>Cellular Location</b> | Cell membrane; Lipid-anchor, GPI-anchor. Golgi apparatus [Isoform 5]: Secreted.                                                                                                                                     |
| <b>Tissue Location</b>   | Expressed in lung. Expressed at low levels in heart, placenta and kidney. Expressed in mesothelial cells. Highly expressed in mesotheliomas, ovarian cancers, and some squamous cell carcinomas (at protein level). |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.