

Anti-Mesothelin Picoband Antibody

Catalog # ABO12357

Product Information

Application	IHC-P
Primary Accession	Q61468
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Mesothelin(MSLN) detection. Tested with IHC-P in Mouse.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	56047
Other Names	Mesothelin, Pre-pro-megakaryocyte-potentiating factor, Megakaryocyte-potentiating factor, MPF, Mesothelin, cleaved form, Msln, Mes, Mpf
Calculated MW	69423
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Mouse, By Heat
Subcellular Localization	Cell membrane ; Lipid-anchor, GPI-anchor . Golgi apparatus .
Tissue Specificity	Highly expressed in lung and heart. Expressed at low levels in spleen, liver, kidney and testis. Present in lung (at protein level). .
Source	Eukaryota
Protein Name	Mesothelin
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Immunogen	E.coli-derived mouse Mesothelin recombinant protein (Position: K308-L576). Mouse Mesothelin shares 58.4%% and 89.6% amino acid (aa) sequence identity with human and rat Mesothelin, respectively.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins

Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
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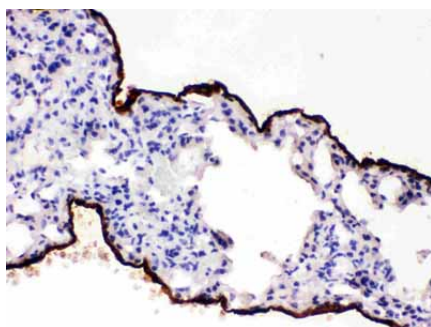
Protein Information

Name	Msln
Synonyms	Mes, Mpf
Function	Membrane-anchored forms may play a role in cellular adhesion.
Cellular Location	Cell membrane; Lipid-anchor, GPI- anchor. Golgi apparatus
Tissue Location	Highly expressed in lung and heart. Expressed at low levels in spleen, liver, kidney and testis. Present in lung (at protein level).

Background

Mesothelin, also known as MSLN or MPF, is a protein that in humans is encoded by the MSLN gene. This gene is mapped to 16p13.3. This gene encodes a precursor protein that is cleaved into two products, megakaryocyte potentiating factor and mesothelin. Megakaryocyte potentiation factor functions as a cytokine that can stimulate colony formation in bone marrow megakaryocytes. Mesothelin is a glycosylphosphatidylinositol-anchored cell-surface protein that may function as a cell adhesion protein. This protein is overexpressed in epithelial mesotheliomas, ovarian cancers and in specific squamous cell carcinomas.

Images



Anti- Mesothelin Picoband antibody, ABO12357,
IHC(P)IHC(P): Mouse Lung Tissue

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