Product name: Anti-Mesothelin antibody

Description: Rabbit polyclonal to Mesothelin

Host species: Rabbit

Tested applications: Suitable for: WB, IHC-P

Species reactivity: Reacts with: Human

Immunogen: Recombinant protein fragment corresponding to a region within amino acids 44 and 438 of Human Mesothelin (NP_037536).

Positive control: WB: 293T cell lysate IHC-P: serous OVCA

Form: Liquid

Storage instructions: Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Storage buffer: pH: 7.00
Preservative: 0.01% Thimerosal (merthiolate)
Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol

Purity: Immunogen affinity purified

Clonality: Polyclonal

Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab96869 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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### Function
Membrane-anchored forms may play a role in cellular adhesion.
Megakaryocyte-potentiating factor (MPF) potentiates megakaryocyte colony formation in vitro.

### Tissue specificity
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).

### Involvement in disease
Note=Antibodies against MSLN are detected in patients with mesothelioma and ovarian cancer.

### Sequence similarities
Belongs to the mesothelin family.

### Post-translational modifications
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.

### Cellular localization

### Images

**Western blot - Anti-Mesothelin antibody (ab96869)**

Anti-Mesothelin antibody (ab96869) at 1/1000 dilution + 293T whole cell lysate at 30 µg

**Predicted band size:** 69 kDa

7.5% SDS PAGE

**Immunohistochemical analysis of Mesothelin in paraffin embedded serous OVCA, using ab96869 at a 1/100 dilution.**
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