

Mesothelin Rabbit mAb

Catalog No.: A23795 **Recombinant**

Basic Information

Observed MW

40kDa

Calculated MW

67kDa/68kDa/71kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human

CloneNo number

ARC54389

Background

This gene encodes a preproprotein that is proteolytically processed to generate two protein products, megakaryocyte potentiating factor and mesothelin. Megakaryocyte potentiating factor functions as a cytokine that can stimulate colony formation of 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. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.

Recommended Dilutions

WB	1:1000 - 1:5000
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID

10232

Swiss Prot

Q13421

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 296-606 of human Mesothelin (NP_037536.2).

Synonyms

MPF; SMRP; Mesothelin

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

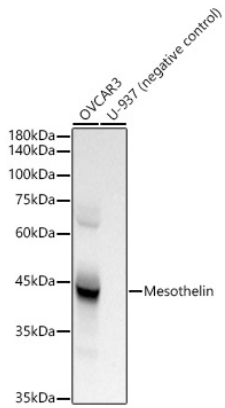
Affinity purification

Storage

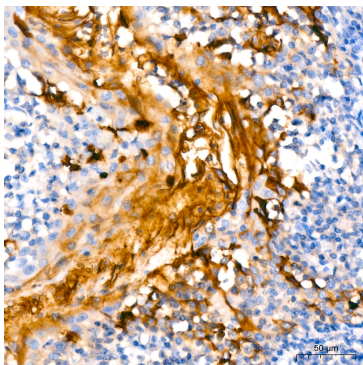
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

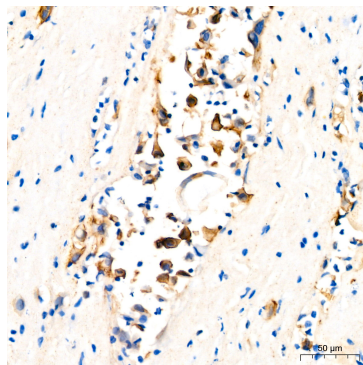
Validation Data



Western blot analysis of lysates from OVCAR3, using Mesothelin Rabbit mAb (A23795) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



Immunohistochemistry analysis of Mesothelin in paraffin-embedded human tonsil tissue using Mesothelin Rabbit mAb (A23795) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of Mesothelin in paraffin-embedded human mesothelioma tissue using Mesothelin Rabbit mAb (A23795) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.