

## ARG65161 anti-Mesothelin antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes Mesothelin
Tested Reactivity	Hu
Tested Application	WB
Specificity	This antibody is expected to recognize isoform 1 and 2 (NP_005814.2; NP_037536.2).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Mesothelin
Species	Human
Immunogen	CPSGKKAREIDES
Conjugation	Un-conjugated
Alternate Names	MPF; Mesothelin; CAK1 antigen; Pre-pro-megakaryocyte-potentiating factor; SMRP

### Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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### Database links

[GeneID: 10232 Human](#)

[Swiss-port # Q13421 Human](#)

### Background

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. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Apr 2010]

### Research Area

Cancer antibody; Controls and Markers antibody

### Calculated Mw

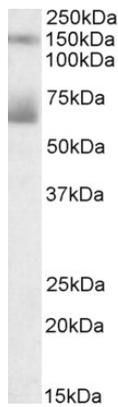
69 kDa

### PTM

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.

## Images

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### ARG65161 anti-Mesothelin antibody WB image

Western Blot: Human Placenta lysate (35 µg protein in RIPA buffer) stained with ARG65161 anti-MSLN antibody at 0.3 µg/ml dilution.