



# Mesothelin rabbit pAb

Cat No.:ES20373

For research use only

## Overview

<b>Product Name</b>	Mesothelin rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA;IHC
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
<b>Immunogen</b>	Synthesized peptide derived from human Mesothelin
<b>Specificity</b>	This antibody detects endogenous levels of Human Mesothelin
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Mesothelin
<b>Gene Name</b>	MSLN MPF
<b>Cellular localization</b>	Cell membrane; Lipid-anchor, GPI-anchor. Golgi apparatus.; [Megakaryocyte-potentiating factor]: Secreted.; [Isoform 3]: Secreted.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	10232
<b>Human Swiss-Prot Number</b>	Q13421
<b>Alternative Names</b>	Mesothelin (CAK1 antigen;Pre-pro-megakaryocyte-potentiating factor) [Cleaved into: Megakaryocyte-potentiating factor (MPF); Mesothelin, cleaved form]
<b>Background</b>	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. [provided by RefSeq, Feb 2016],

Immunohistochemical analysis of paraffin-embedded human meningioma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

