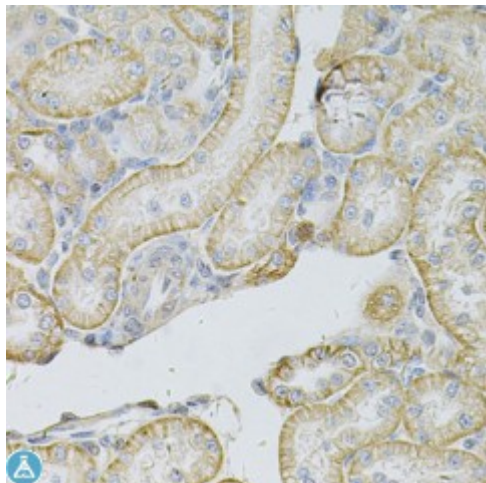


Anti-MSLN Antibody



Description

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.

Model	STJ116034
Host	Rabbit
Reactivity	Human, Rat
Applications	IF, IHC, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 37-296 of human MSLN (NP_001170826.1).
Gene ID	10232
Gene Symbol	MSLN
Dilution range	WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100
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)

Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Mesothelin CAK1 antigen Pre-pro-megakaryocyte-potentiating factor
Molecular Weight	68.986 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:7371OMIM:601051Reactome:R-HSA-163125
Alternative Names	Mesothelin CAK1 antigen Pre-pro-megakaryocyte-potentiating factor
Function	Membrane-anchored forms may play a role in cellular adhesion
Cellular Localization	Cell membrane
Post-translational Modifications	Both MPF and the cleaved form of mesothelin are N-glycosylated,

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