

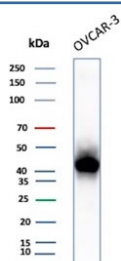
Recombinant MSLN Antibody / Mesothelin [clone rMSLN/8764] (V4429)

Catalog No.	Formulation	Size
V4429-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4429-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4429SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

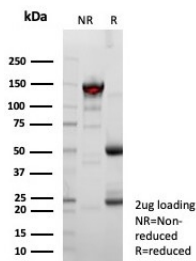
Recombinant **MOUSE MONOCLONAL**

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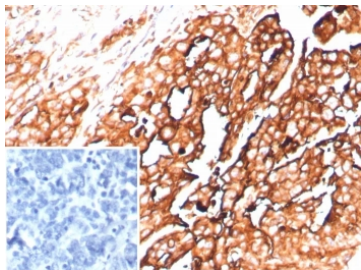
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG2b, kappa
Clone Name	rMSLN/8764
Purity	Protein A/G affinity
UniProt	Q13421
Localization	Cell Surface, Secreted
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT Western Blot : 2-4ug/ml
Limitations	This recombinant MSLN antibody is available for research use only.



Western blot testing of human OVCAR-3 cell lysate with MSLN antibody. Predicted molecular weight ~70 kDa (precursor), ~40 kDa (processed form).



SDS-PAGE analysis of purified, BSA-free recombinant MSLN antibody (clone rMSLN/8764) as confirmation of integrity and purity.



IHC staining of FFPE human ovarian cancer tissue with recombinant MSLN antibody (clone rMSLN/8764). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

Mesothelin is a 40kDa glycosyl-phosphatidylinositol-anchored glycoprotein cleaved from a 69kDa precursor protein. Mesothelin immunoreactivity is high in cancers of the ovary (serous papillary, endometrioid and undifferentiated) and pancreas, with less frequent staining seen in adenocarcinomas of the endometrium, lung and stomach/esophagus. Mesothelin is one of the most sensitive markers for mesothelioma.

Application Notes

Optimal dilution of the recombinant MSLN antibody should be determined by the researcher.

Immunogen

A recombinant partial protein sequence (within amino acids 273-407) from the human protein was used as the immunogen for the recombinant MSLN antibody.

Storage

Aliquot the recombinant MSLN antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.