

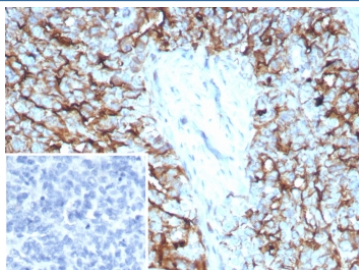
## Recombinant Mesothelin Antibody [clone MSLN/8391R] (V4427)

Catalog No.	Formulation	Size
V4427-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4427-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4427SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

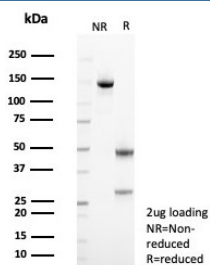
Recombinant **RABBIT MONOCLONAL**

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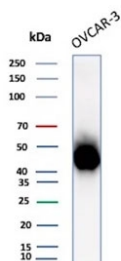
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG, kappa
<b>Clone Name</b>	MSLN/8391R
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	Q13421
<b>Localization</b>	Cell surface, Secreted
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Western Blot : 2-4ug/ml
<b>Limitations</b>	This recombinant Mesothelin antibody is available for research use only.



IHC staining of FFPE human ovarian cancer tissue with recombinant Mesothelin antibody (MSLN/8391R). 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.



SDS-PAGE analysis of purified, BSA-free recombinant Mesothelin antibody (clone MSLN/8391R) as confirmation of integrity and purity.



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

## 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 Mesothelin 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 Mesothelin antibody.

## Storage

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