

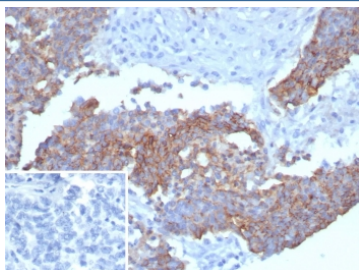
## Recombinant MSLN Antibody / Mesothelin [clone MSLN/8331R] (V5643)

Catalog No.	Formulation	Size
V5643-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5643-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5643SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

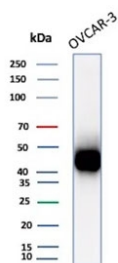
Recombinant **RABBIT MONOCLONAL**

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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/8331R
<b>Purity</b>	Protein A affinity
<b>UniProt</b>	Q13421
<b>Localization</b>	Cell surface, Secreted
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml Western Blot : 1-2ug/ml
<b>Limitations</b>	This recombinant MSLN antibody is available for research use only.



IHC staining of FFPE human ovarian carcinoma tissue with recombinant MSLN antibody (clone MSLN/8331R). 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.



Western blot testing of human OVCAR-3 cell lysate with Mesothelin antibody (clone MSLN/8331R). Predicted molecular weight ~69 kDa (precursor), ~40 kDa (cleaved form). Glycosylation may make the protein run higher than expected.

## 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 portion of amino acids 250-450 from human Mesothelin 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.