Catalog # 10232-RBM12
Product Datasheet

Recombinant Mesothelin (Mesothelial Marker) Antibody

Rabbit Monoclonal Antibody [Clone MSLN/8331R]

Catalog No	Format	Size
10232-RBM12-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug
10232-RBM12-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
10232-RBM12-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug

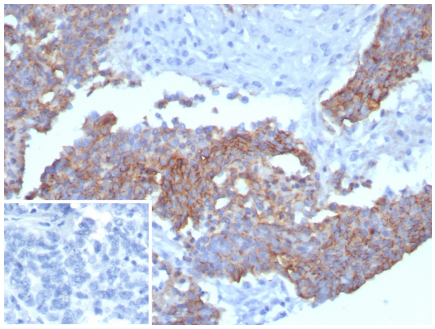
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

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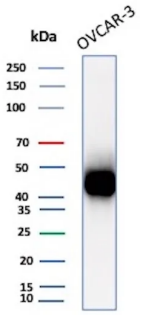
Clone	MSLN/8331R
Gene Name	MSLN
Immunogen	Recombinant fragment (around aa 250-450) of human Mesothelin (MSLN) protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	40kDa (Mature form); 69kDa (Precursor)
Cellular Localization	Cell surface, Secreted
Species Reactivity	Human
Positive Control	OVCAR-3 cells. Lung Mesothelioma.

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Mesothelin (Mesothelial Marker) Antibody



Formalin-fixed, paraffin-embedded human ovarian carcinoma stained with Mesothelin Recombinant Rabbit Monoclonal Antibody (MSLN/8331R). Inset: PBS instead of primary antibody; secondary only negative control.



Western Blot Analysis of OVCAR-3 lysate using Mesothelin Recombinant Rabbit Monoclonal Antibody (MSLN/8331R).

Specificity & Comments

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.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.