Catalog # 10232-MSM22
Product Datasheet

Mesothelin (Mesothelial Marker) Antibody

Mouse Monoclonal Antibody [Clone MSVA-235M]

Catalog No	Format	Size
10232-MSM22-P0	Purified Ab with BSA and Azide	20 ug
10232-MSM22-P1	Purified Ab with BSA and Azide	100 ug

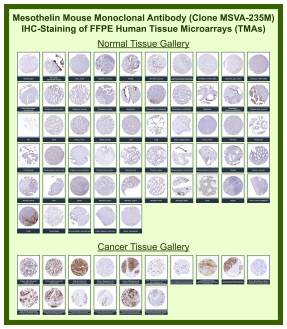
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1:100-1:200	Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121°C in pH 7.8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37°C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.

Product Details

Clone	MSVA-235M
Immunogen	Recombinant fragment (around aa 273-407) of human Mesothelin (MSLN) protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	40kDa (Mature form); 69kDa (Precursor)
Cellular Localization	Cell membrane, Golgi apparatus, Secreted
Species Reactivity	Human
Positive Control	Tonsil: A fraction of squamous epithelial cells of the tonsil crypts should show strong mesothelin immunostaining. Fallopian tube: An at least moderate mesothelin positivity should be seen at the apical membrane of epithelial cells.

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

Product Images for Mesothelin (Mesothelial Marker) Antibody



Mesothelin Mouse Monoclonal Antibody (MSVA-235M) tested on many normal and cancer tissues. The immunohistochemistry staining in these tissues aligns with the expression data in Human Protein Atlas.

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

Ab purified from Bioreactor Concentrate by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide.

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.