

Product Datasheet

Mesothelin Antibody (YP158) NBP2-75255

Unit Size: 0.1 ml

Store at 4C.

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NBP2-75255

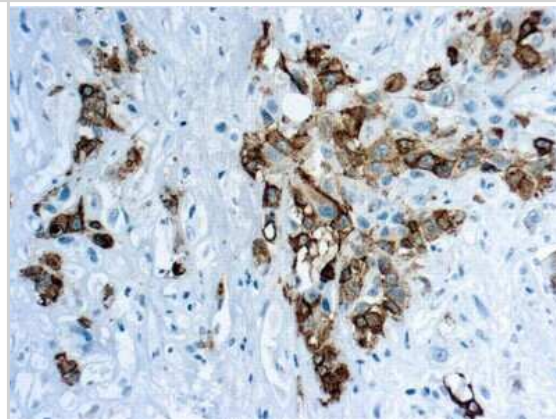
Mesothelin Antibody (YP158)

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	YP158
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Tissue culture supernatant
Buffer	Tissue culture supernatant
Product Description	
Host	Rabbit
Gene ID	10232
Gene Symbol	MSLN
Species	Human
Immunogen	Synthetic peptide corresponding to C-terminus of human mesothelin protein.
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:10 - 1:15, Immunohistochemistry-Paraffin
Application Notes	IHC-P: recommended pretreatment of EDTA buffer, pH 8.0. Recommended incubation time of 30 min at RT.

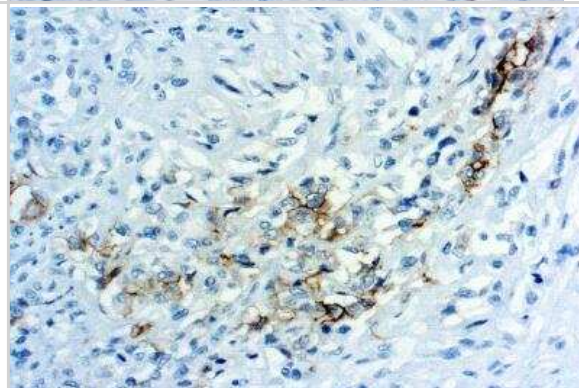


Images

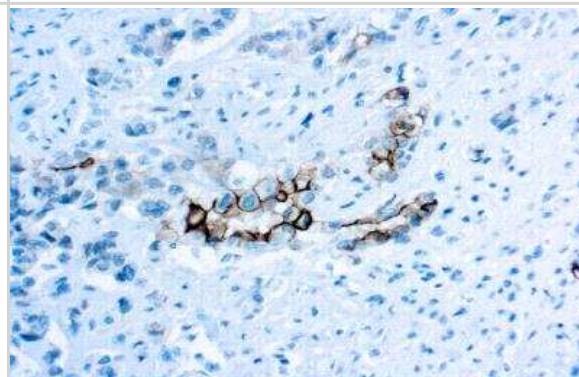
Immunohistochemistry-Paraffin: Mesothelin Antibody (YP158) [NBP2-75255] - Formalin fixed paraffin embedded human mesothelioma stained with Mesothelin antibody (NBP2-75255)



Immunohistochemistry: Mesothelin Antibody (YP158) [NBP2-75255] - Mesothelioma stained with Mesothelin Clone YP158 25x



Immunohistochemistry: Mesothelin Antibody (YP158) [NBP2-75255] - Mesothelioma stained with Mesothelin Clone YP158 25x



Procedures

Immunohistochemistry-Paraffin protocol for Mesothelin Antibody (NBP2-75255)

Immunohistochemistry-Paraffin protocol for Mesothelin Antibody (NBP2-75255):

Specimen Collection and Preparation

Tissues fixed in 10% formalin are suitable for use prior to paraffin embedding. Consult references (Kiernan, 1981; Sheehan & Hrapchak, 1980) for further details on specimen preparation.

The user is advised to validate the use of the products with their tissue specimens prepared and handled in accordance with their laboratory practices.

Staining Procedure

Refer to the following for conditions specifically recommended for this antibody:

Positive Control - Mesothelioma

Concentrated Dilution - 1:10-1:15

Pretreatment - Buffer pH 8.0

Quality Control

Refer to CLSI Quality Standards for Design and Implementation of Immuno-histochemistry Assays; Approved Guideline-Second edition (I/LA28-A2) CLSI Wayne, PA USA (www.clsi.org). 2011.

Troubleshooting

Contact Novus Technical Support (888.506.6887) to report unusual staining.

Cellular Localization

Cell membrane

Limitations of the Procedure

Immunohistochemistry is a complex technique involving both histological and immunological detection methods. Tissue processing and handling prior to immunostaining can also cause inconsistent results. Variations in fixation and embedding or the inherent nature of the tissue may cause variations in results (Nadji and Morales, 1983).

Endogenous peroxidase activity or pseudoperoxidase activity in erythrocytes and endogenous biotin may cause non-specific staining depending on detection system used.

Tissues containing Hepatitis B surface Antigen (HBsAg) may give a false positive with horseradish peroxidase systems (Omata et al, 1980). Improper counterstaining and mounting may compromise the interpretation of results





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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