


Product datasheet

Anti-Mesothelin antibody [SP74] - C-terminal, prediluted ab228144

Recombinant RabMAb

[4 Images](#)

Overview

Product name	Anti-Mesothelin antibody [SP74] - C-terminal, prediluted
Description	Rabbit monoclonal [SP74] to Mesothelin - C-terminal, prediluted
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Pig 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	IHC-P: Human mesothelioma and ovarian adenocarcinoma tissue.
General notes	This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.60 Preservative: 0.1% Sodium azide Constituents: Tris buffered saline, 1% BSA
Purity	Protein A/G purified
Purification notes	Purified from TCS by protein A/G.
Clonality	Monoclonal
Clone number	SP74
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab228144 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/1. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Pre-diluted / ready to use.

Target

Function

Membrane-anchored forms may play a role in cellular adhesion.
Megakaryocyte-potentiating factor (MPF) potentiates megakaryocyte colony formation in vitro.

Tissue specificity

Expressed in lung. Expressed at low levels in heart, placenta and kidney. Expressed in mesothelial cells. Highly expressed in mesotheliomas, ovarian cancers, and some squamous cell carcinomas (at protein level).

Involvement in disease

Note=Antibodies against MSLN are detected in patients with mesothelioma and ovarian cancer.

Sequence similarities

Belongs to the mesothelin family.

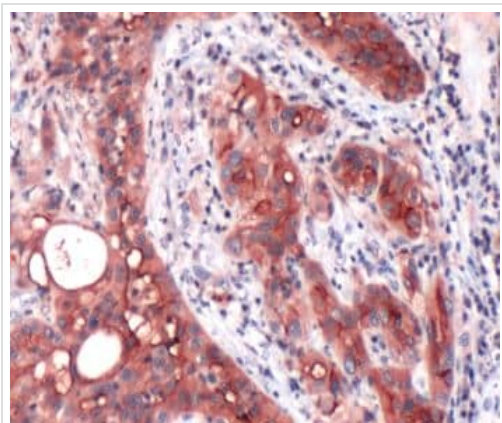
Post-translational modifications

Both MPF and the cleaved form of mesothelin are N-glycosylated.
Proteolytically cleaved by a furin-like convertase to generate megakaryocyte-potentiating factor (MPF), and the cleaved form of mesothelin.

Cellular localization

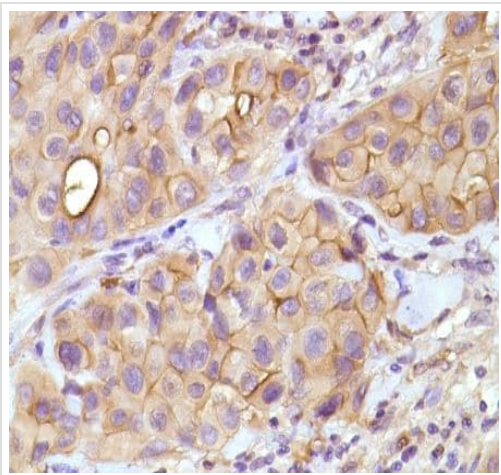
Secreted and Cell membrane. Golgi apparatus.

Images



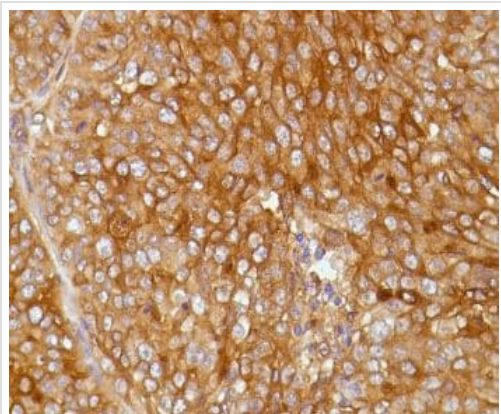
Formalin-fixed, paraffin-embedded human mesothelioma tissue stained for Mesothelin using ab228144 in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Mesothelin antibody [SP74] - C-terminal, prediluted (ab228144)



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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Mesothelin antibody [SP74] - C-terminal, prediluted (ab228144)

Formalin-fixed, paraffin-embedded human ovarian adenocarcinoma tissue stained for Mesothelin using ab228144 in immunohistochemical analysis.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Mesothelin antibody [SP74] - C-terminal,
prediluted (ab228144)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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