

Product datasheet

Alexa Fluor® 568 Anti-Mesothelin antibody [SP74] ab313125

Recombinant RabMAb

1 Image

Overview

Product name	Alexa Fluor® 568 Anti-Mesothelin antibody [SP74]
Description	Alexa Fluor® 568 Rabbit monoclonal [SP74] to Mesothelin
Host species	Rabbit
Conjugation	Alexa Fluor® 568. Ex: 578nm, Em: 603nm
Tested applications	Suitable for: Target binding affinity, Antibody labelling
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>This conjugated primary antibody is released using a quantitative quality control method that evaluates binding affinity post-conjugation and efficiency of antibody labeling.</p> <p>For suitable applications and species reactivity, please refer to the unconjugated version of this clone. This conjugated antibody is eligible for Abtrial: learn more here.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Store In the Dark.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, 68% PBS
Purity	Protein A purified

Clonality	Monoclonal
Clone number	SP74
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab313125 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
Target binding affinity		Use at an assay dependent concentration.
Antibody labelling		Use at an assay dependent concentration.

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

Why choose a recombinant conjugated antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Guaranteed long-term performance
Quantitative quality control

Alexa Fluor® 568 Anti-Mesothelin antibody [SP74]
(ab313125)

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

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