


### Anti-Mesothelin antibody [SP74] - BSA and Azide free ab236217

リコンビナント **RabMAb**

画像数 3

#### 製品の概要

製品名	Anti-Mesothelin antibody [SP74] - BSA and Azide free
製品の詳細	Rabbit monoclonal [SP74] to Mesothelin - BSA and Azide free
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P, WB
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Pig 
免疫原	Synthetic peptide within Human Mesothelin (C terminal). The exact sequence is proprietary. Database link: <a href="#">Q13421</a>
ポジティブ・コントロール	IHC-P: Human Mesothelioma tissue. WB: BxPC-3, HeLa, PC3 and A549 cell lysate.
特記事項	<p>ab236217 is the carrier-free version of <a href="#">ab93620</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p><b>This product is FOR RESEARCH USE ONLY. For commercial use, please contact <a href="mailto:partnerships@abcam.com">partnerships@abcam.com</a>.</b></p>

## 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.20 Constituent: PBS
キャリア・フリー	はい
精製度	Protein A/G purified
特記事項(精製)	Purified from TCS by protein A/G.
ポリ/モノ	モノクローナル
クローン名	SP74
アイソタイプ	IgG

## アプリケーション

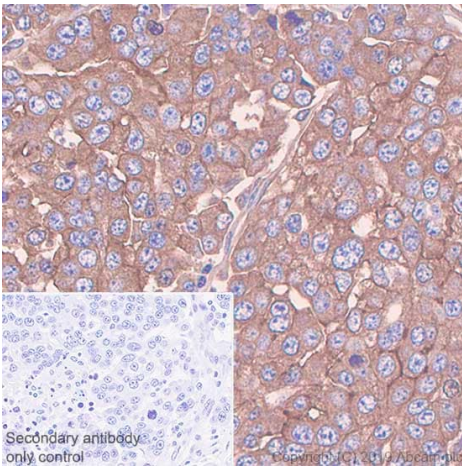
**The Abpromise guarantee**      **Abpromise保証は、**次のテスト済みアプリケーションにおけるab236217の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Predicted molecular weight: 69 kDa.

## ターゲット情報

機能	Membrane-anchored forms may play a role in cellular adhesion. Megakaryocyte-potentiating factor (MPF) potentiates megakaryocyte colony formation in vitro.
組織特異性	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).
関連疾患	Note=Antibodies against MSLN are detected in patients with mesothelioma and ovarian cancer.
配列類似性	Belongs to the mesothelin family.
翻訳後修飾	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.
細胞内局在	Secreted and Cell membrane. Golgi apparatus.

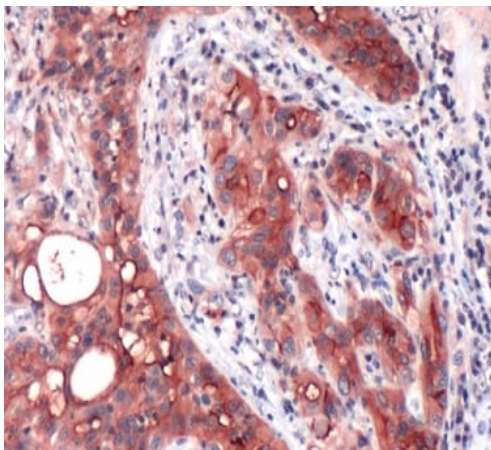
## 画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Mesothelin antibody [SP74] - BSA and Azide free (ab236217)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human mesothelioma tissue sections labeling Mesothelin with Purified **ab93620** at 1/100 dilution (1.4 µg/ml). Heat mediated antigen retrieval was performed Heat mediated antigen retrieval with sodium citrate buffer (pH 6.0, epitope retrieval solution 1) for 20mins. Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab93620**)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Mesothelin antibody [SP74] - BSA and Azide free (ab236217)

Formalin-fixed, paraffin-embedded human Mesothelioma tissue stained for Mesothelin using **ab93620**.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab93620**).

### 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] - BSA and Azide free (ab236217)

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

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