

Anti-Vitronectin/S-Protein antibody [EP781Y] ab46808

重组 RabMAb

4 References 4 图像

概述

产品名称	Anti-Vitronectin/S-Protein抗体[EP781Y]
描述	兔单克隆抗体[EP781Y] to Vitronectin/S-Protein
宿主	Rabbit
经测试应用	适用于: WB, IP, IHC-P
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human Vitronectin/S-Protein aa 100-200. The exact sequence is proprietary.
阳性对照	WB: Human serum IHC-P: Human lung tissue. IP: Human serum
常规说明	<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> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	<p>pH: 7.20</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant</p>
纯度	Protein A purified
纯化说明	This antibody has not been purified. It is provided in tissue culture supernatant and storage buffer.

克隆	单克隆
克隆编号	EP781Y
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab46808于以下的经测试应用

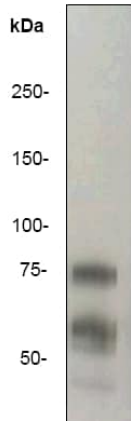
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000 - 1/10000. Detects a band of approximately 54,60,75 kDa (predicted molecular weight: 54 kDa).
IP		1/50.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

功能	<p>Vitronectin is a cell adhesion and spreading factor found in serum and tissues. Vitronectin interact with glycosaminoglycans and proteoglycans. Is recognized by certain members of the integrin family and serves as a cell-to-substrate adhesion molecule. Inhibitor of the membrane-damaging effect of the terminal cytolytic complement pathway.</p> <p>Somatomedin-B is a growth hormone-dependent serum factor with protease-inhibiting activity.</p>
组织特异性	Plasma.
序列相似性	<p>Contains 4 hemopexin repeats.</p> <p>Contains 1 SMB (somatomedin-B) domain.</p>
结构域	The SMB domain mediates interaction with SERPINE1/PAI1. The heparin-binding domain mediates interaction with insulin.
翻译后修饰	<p>Sulfated on 2 tyrosine residues.</p> <p>N- and O-glycosylated.</p> <p>Phosphorylation on Thr-69 and Thr-76 favors cell adhesion and spreading.</p> <p>It has been suggested that the active SMB domain may be permitted considerable disulfide bond heterogeneity or variability, thus two alternate disulfide patterns based on 3D structures are described with 1 disulfide bond conserved in both.</p> <p>Phosphorylation sites are present in the extracellular medium.</p>
细胞定位	Secreted, extracellular space.

图片



Western blot - Anti-Vitronectin/S-Protein antibody [EP781Y] (ab46808)

Anti-Vitronectin/S-Protein antibody [EP781Y] (ab46808) at 1/20000 dilution + Human serum at 10 µg

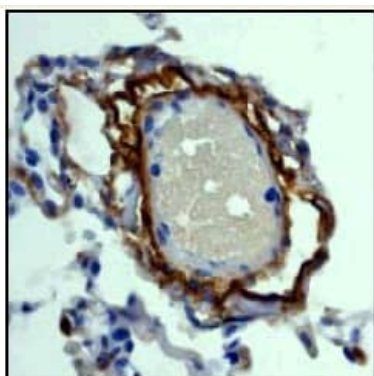
Secondary

Goat anti-rabbit, HRP labelled. at 1/2000 dilution

Predicted band size: 54 kDa

Observed band size: 75 kDa

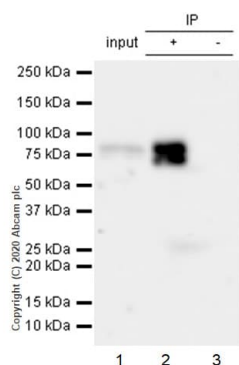
Additional bands at: 54 kDa (possible non-specific binding), 60 kDa (possible non-specific binding)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Vitronectin/S-Protein antibody [EP781Y] (ab46808)

This image shows human lung tissue treated with ab46808 at 1/100 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunoprecipitation - Anti-Vitronectin/S-Protein
antibody [EP781Y] (ab46808)

Purified ab46808 at 1/50 dilution (2µg) immunoprecipitating
Vitronectin/S-Protein in Human serum.

Lane 1 (input): Human serum 10µg

Lane 2 (+): ab46808 + Human serum.

Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of ab46808
in Human serum.

VeriBlot for IP Detection Reagent (HRP) (**ab131366**) (1/10,000
dilution) was used for Western blotting.

Blocking Buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM/TBST.

Observed band size: 65-75 kDa

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-Vitronectin/S-Protein antibody [EP781Y]
(ab46808)

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