

Anti-Vitronectin/S-Protein antibody [EP873Y] ab45139

リコンビナント RabMAb

21 References [画像数 4](#)

製品の概要

製品名	Anti-Vitronectin/S-Protein antibody [EP873Y]
製品の詳細	Rabbit monoclonal [EP873Y] to Vitronectin/S-Protein
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P, ICC/IF 適用なし: Flow Cyt or IP
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	IHC-P: Human liver tissue. WB: Human serum tissue lysate ICC/IF: HepG2 cells
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EP873Y
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ab45139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。

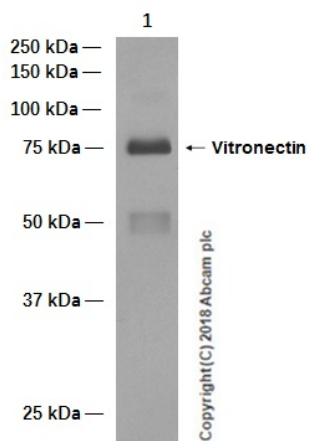
アプリケーション	Abreviews	特記事項
WB		1/2000 - 1/10000. Detects a band of approximately 75 kDa.
IHC-P		1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/50 - 1/100.

追加情報 Is unsuitable for Flow Cyt or IP.

ターゲット情報

機能	<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>
組織特異性	Plasma.
配列類似性	<p>Contains 4 hemopexin repeats.</p> <p>Contains 1 SMB (somatomedin-B) domain.</p>
ドメイン	The SMB domain mediates interaction with SERPINE1/PAI1. The heparin-binding domain mediates interaction with insulin.
翻訳後修飾	<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>
細胞内局在	Secreted, extracellular space.

画像



Western blot - Anti-Vitronectin/S-Protein antibody [EP873Y] (ab45139)

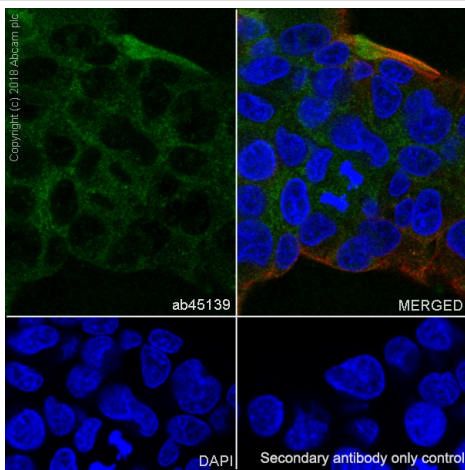
Anti-Vitronectin/S-Protein antibody [EP873Y] (ab45139) at 1/2000 dilution + Human serum tissue lysate at 20 µg with 5% NFDM/TBST

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Observed band size: 75 kDa

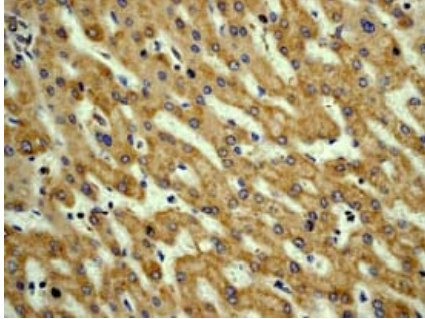
Exposure time: 30 seconds



Immunocytochemistry/ Immunofluorescence - Anti-Vitronectin/S-Protein antibody [EP873Y] (ab45139)

Immunocytochemistry analysis of HepG2 (human hepatocellular carcinoma epithelial cell) labeling Vitronectin/S-Protein with purified ab45139 at 1/100 dilution (7 µg/ml). Cells were fixed with 4% Paraformaldehyde and permeabilised with 0.1% tritonX-100. Goat anti rabbit IgG (Alexa Fluor® 488, [ab150077](#)) at 1/1000 (2 µg/ml) was used as the secondary antibody. [ab195889](#) Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1/200 (2.11 µg/ml) was used as counterstain. Nuclei were stained blue with DAPI.

Negative control: PBS instead of the primary antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Vitronectin/S-Protein antibody [EP873Y] (ab45139)

Ab45139 at a 1/100 dilution, staining human Vitronectin/S-Protein in human liver tissue by immunohistochemistry using paraffin embedded tissue.

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

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 [EP873Y] (ab45139)

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