

Anti-Stromal interaction molecule 1 antibody [EPR3414] ab108994

敲除验证
重组
RabMAb

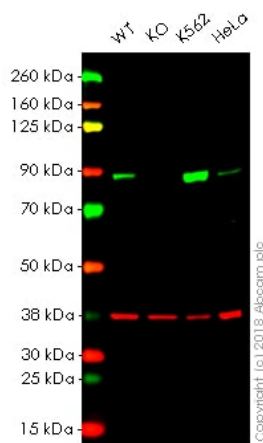
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概述

产品名称	Anti-Stromal interaction molecule 1抗体[EPR3414]
描述	兔单克隆抗体[EPR3414] to Stromal interaction molecule 1
宿主	Rabbit
经测试应用	适用于: WB, IHC-P 不适用于: Flow Cyt or ICC/IF
种属反应性	与反应: Mouse, Human 预测可用于: Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	SH SY5Y, K562, HepG2, HeLa and LnCaP cell lysates; Human breast tissue.
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>

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	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆



Western blot - Anti-Stromal interaction molecule 1 antibody [EPR3414] (ab108994)

All lanes : Anti-Stromal interaction molecule 1 antibody [EPR3414] (ab108994) at 1/1000 dilution

Lane 1 : Wild-type HAP1 whole cell lysate

Lane 2 : STIM1 (Stromal interaction molecule 1) knockout HAP1 whole cell lysate

Lane 3 : K562 whole cell lysate

Lane 4 : HeLa whole cell lysate

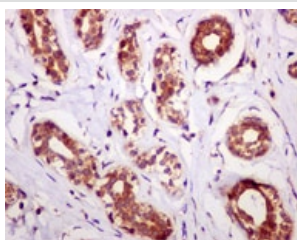
Lysates/proteins at 20 µg per lane.

Predicted band size: 77 kDa

Observed band size: 77 kDa

Lanes 1 - 4: Merged signal (red and green). Green - ab108994 observed at 77 kDa. Red - loading control, **ab9484**, observed at 37 kDa.

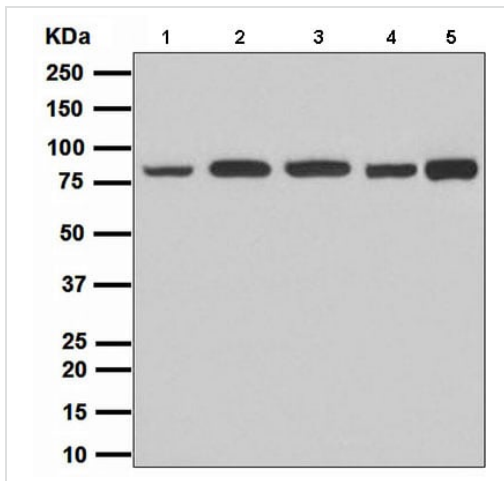
ab108994 was shown to specifically react with Stromal interaction molecule 1 in wild-type HAP1 cells as signal was lost in STIM1 (Stromal interaction molecule 1) knockout cells. Wild-type and STIM1 (Stromal interaction molecule 1) knockout samples were subjected to SDS-PAGE. Ab108994 and **ab9484** (Mouse anti-GAPDH loading control) were incubated overnight at 4°C at 1/1000 dilution and 1/20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preabsorbed **ab216773** and Goat anti-Mouse IgG H&L (IRDye® 680RD) preabsorbed **ab216776** secondary antibodies at 1/20000 dilution for 1 hour at room temperature before imaging.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Stromal interaction molecule 1 antibody [EPR3414] (ab108994)

ab108994 at 1/50 dilution, staining Stromal interaction molecule 1 in Human breast by Immunohistochemistry, Paraffin-embedded tissue.

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



Western blot - Anti-Stromal interaction molecule 1 antibody [EPR3414] (ab108994)

All lanes : Anti-Stromal interaction molecule 1 antibody [EPR3414] (ab108994) at 1/1000 dilution

Lane 1 : SH SY5Y cell lysate

Lane 2 : K562 cell lysate

Lane 3 : HepG2 cell lysate

Lane 4 : HeLa cell lysate

Lane 5 : LnCaP cell lysate

Lysates/proteins at 10 µg per lane.

Performed under reducing conditions.

Predicted band size: 77 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-Stromal interaction molecule 1 antibody [EPR3414] (ab108994)

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

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