


Anti-EHD1 antibody [EPR4955] ab109747

重组 RabMAb

6 References 4 图像

概述	
产品名称	Anti-EHD1抗体[EPR4955]
描述	兔单克隆抗体[EPR4955] to EHD1
宿主	Rabbit
特异性	The immunogen used for this product shares 66% homology with EHD3. Cross-reactivity with this protein has not been confirmed experimentally.
经测试应用	<b>适用于:</b> Flow Cyt (Intra), WB, ICC/IF <b>不适用于:</b> IHC-P
种属反应性	<b>与反应:</b> Human <b>预测可用于:</b> Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	HepG2, HeLa and JAR cell lysates; HeLa cells
常规说明	<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>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</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: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Protein A purified

克隆	单克隆
克隆编号	EPR4955
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab109747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
Flow Cyt (Intra)		1/1000 - 1/10000. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/10000 - 1/50000. Predicted molecular weight: 61 kDa.
ICC/IF		1/100 - 1/250.

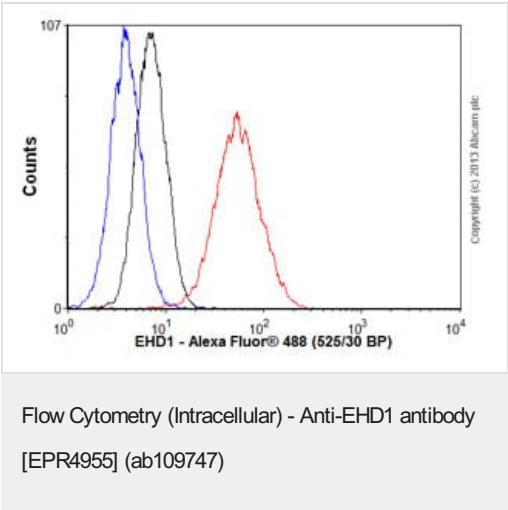
应用说明

Is unsuitable for IHC-P.

靶标

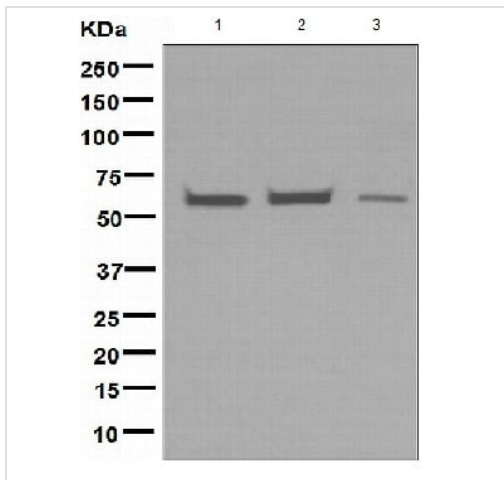
功能	Acts in early endocytic membrane fusion and membrane trafficking of recycling endosomes.
组织特异性	Highly expressed in testis.
序列相似性	Contains 1 EF-hand domain. Contains 1 EH domain.
结构域	The EH domain interacts with Asn-Pro-Phe (NPF) motifs of target proteins.
细胞定位	Cell membrane. Early endosome membrane. Recycling endosome membrane. Associated with intracellular tubulovesicular structures.

图片



Overlay histogram showing HeLa cells stained with ab109747 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab109747, 1/10000 dilution) for 30 min at 22°C. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H&L) (**ab150077**) at 1/2000 dilution for 30 min at 22°C. Isotype control antibody (black line) was rabbit IgG (monoclonal) (0.1µg/1x10<sup>6</sup> cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control. Acquisition of >5,000

events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter.



Western blot - Anti-EHD1 antibody [EPR4955] (ab109747)

**All lanes :** Anti-EHD1 antibody [EPR4955] (ab109747) at 1/10000 dilution

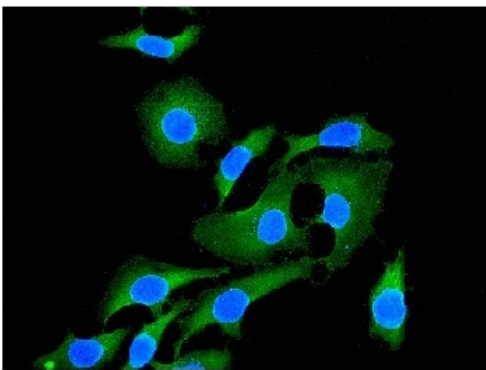
**Lane 1 :** HepG2 cell lysate

**Lane 2 :** HeLa cell lysate

**Lane 3 :** JAR cell lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 61 kDa



Immunocytochemistry/ Immunofluorescence - Anti-EHD1 antibody [EPR4955] (ab109747)

ab109747, at 1/100 dilution, staining EHD1 in HeLa cells by Immunofluorescence.

### 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-EHD1 antibody [EPR4955] (ab109747)

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

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