

Product datasheet

Anti-EHD1 antibody [EPR4954] ab109311

重组 RabMAb

4 References 5 图像

概述

产品名称	Anti-EHD1抗体[EPR4954]
描述	兔单克隆抗体[EPR4954] to EHD1
宿主	Rabbit
经测试应用	适用于: Flow Cyt, WB, IP, IHC-P, ICC/IF
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide within Human EHD1. The exact sequence is proprietary.
阳性对照	WB: HepG2, Human testis, SW480, SK-OV-3 and HeLa lysates IHC-P: Human kidney and tonsil tissues ICC/IF: HeLa cells FC: HeLa cells
常规说明	Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents This product is a recombinant rabbit monoclonal antibody.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. 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, 0.05% BSA, 50% Tissue culture supernatant
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	EPR4954
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab109311** in the following tested applications.

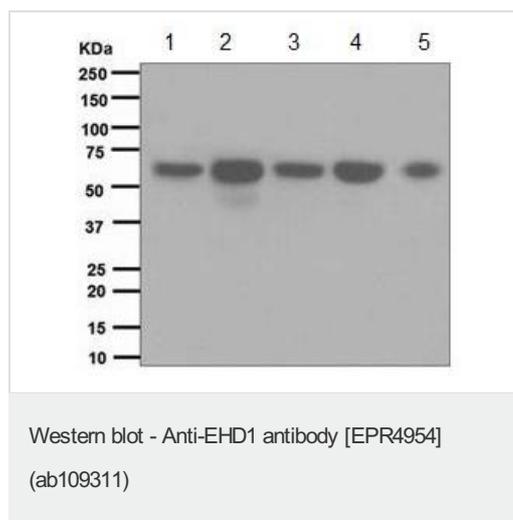
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
Flow Cyt		1/30.
WB		1/1000 - 1/10000. Detects a band of approximately 60 kDa (predicted molecular weight: 61 kDa).
IP		1/10 - 1/100.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. (heat to 98°C, allow to cool for 10-20 minutes)
ICC/IF		1/100 - 1/250.

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



All lanes : Anti-EHD1 antibody [EPR4954] (ab109311) at 1/1000 dilution

Lane 1 : HepG2 cell lysates

Lane 2 : Human testis lysates

Lane 3 : SW480 cell lysates

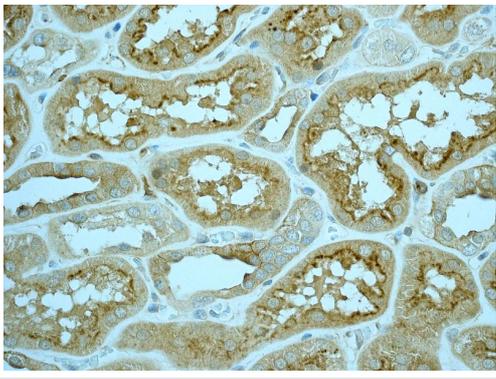
Lane 4 : SK-OV-3 cell lysates

Lane 5 : HeLa cell lysates

Lysates/proteins at 10 µg per lane.

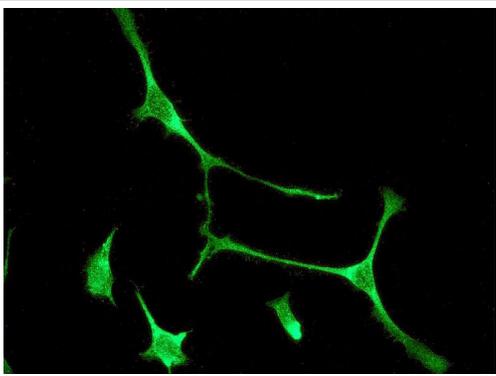
Predicted band size: 61 kDa

Observed band size: 60 kDa



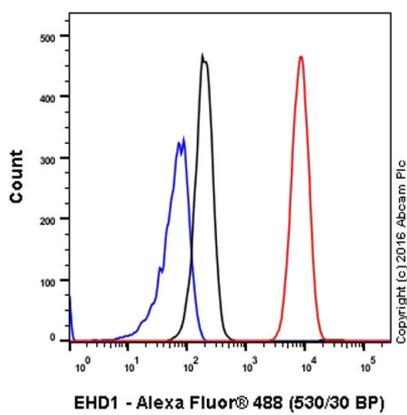
Immunohistochemical analysis of EHD1 in paraffin embedded Human kidney tissue, using ab109311 at a 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EHD1 antibody [EPR4954] (ab109311)



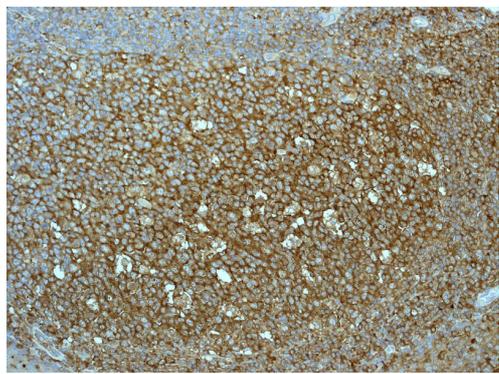
Immunofluorescent staining of EHD1 in HeLa cells, using ab109311 at a 1/100 dilution.

Immunocytochemistry/ Immunofluorescence - Anti-EHD1 antibody [EPR4954] (ab109311)



Flow Cytometry analysis of HeLa (human cervix adenocarcinoma) cells labeling EHD1 with unpurified ab109311 at 1/30 dilution (10ug/mL) (red). Cells were fixed with 4% paraformaldehyde and permeabilised with 90% methanol. A Goat anti rabbit IgG (Alexa Fluor® 488) (1/2000 dilution) was used as the secondary antibody. Rabbit monoclonal IgG (Black) was used as the isotype control, cells without incubation with primary antibody and secondary antibody (Blue) were used as the unlabeled control.

Flow Cytometry - Anti-EHD1 antibody [EPR4954] (ab109311)



Immunohistochemical analysis of EHD1 in paraffin embedded Human tonsil tissue, using ab109311 at a 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EHD1 antibody [EPR4954] (ab109311)

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