


Anti-EHD1 antibody [EPR4955] - BSA and Azide free ab247922

リコンビナント **RabMAb**

画像数 4

製品の概要

製品名	Anti-EHD1 antibody [EPR4955] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR4955] to EHD1 - BSA and Azide free
由来種	Rabbit
特異性	The immunogen used for this product shares 66% homology with EHD3. Cross-reactivity with this protein has not been confirmed experimentally.
アプリケーション	適用あり: ICC/IF, Flow Cyt (Intra), WB 適用なし: IHC-P
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	ab247922 is the carrier-free version of ab109747 .

Our **carrier-free** antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.

This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.

Use our **conjugation kits** for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.

This product is a recombinant monoclonal antibody, which offers several advantages including:

- 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. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR4955
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ab247922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確認ください。

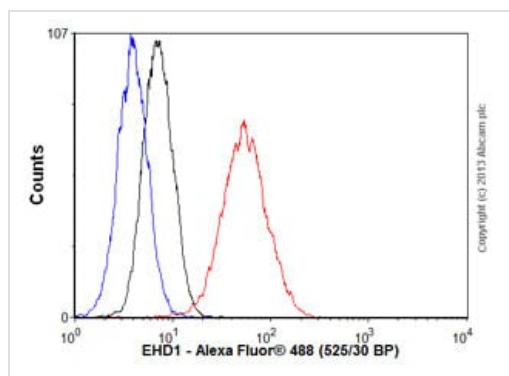
アプリケーション	Abreviews	特記事項
ICC/IF		Use at an assay dependent concentration.
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 61 kDa.

追加情報 Is unsuitable for IHC-P.

ターゲット情報

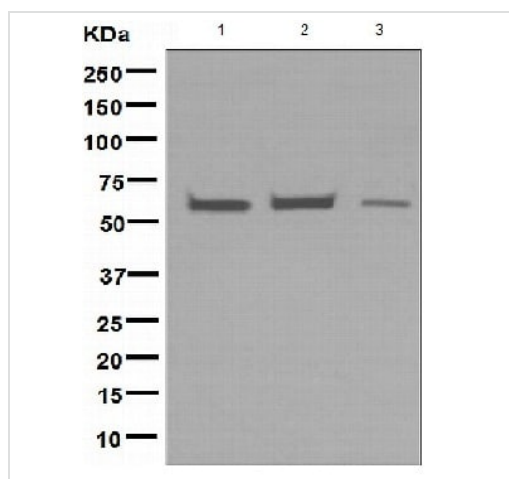
機能	Acts in early endocytic membrane fusion and membrane trafficking of recycling endosomes.
組織特異性	Highly expressed in testis.
配列類似性	Contains 1 EF-hand domain. Contains 1 EH domain.
ドメイン	The EH domain interacts with Asn-Pro-Phe (NPF) motifs of target proteins.
細胞内局在	Cell membrane. Early endosome membrane. Recycling endosome membrane. Associated with intracellular tubulovesicular structures.

画像



Flow Cytometry (Intracellular) - Anti-EHD1 antibody
[EPR4955] - BSA and Azide free (ab247922)

This data was developed using [ab109747](#), the same antibody clone in a different buffer formulation. 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) (0.1 µg/1x10⁶ 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] -
BSA and Azide free (ab247922)

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

Lane 1 : HepG2 cell lysate

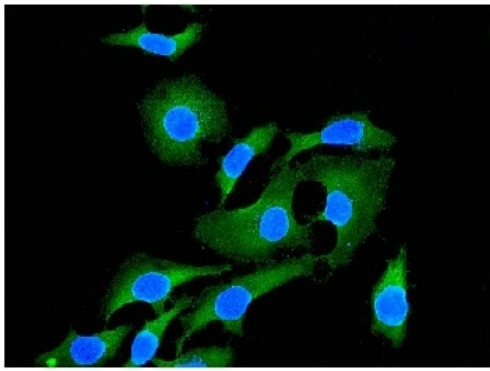
Lane 2 : HeLa cell lysate

Lane 3 : JAR cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 61 kDa

This data was developed using [ab109747](#), the same antibody clone in a different buffer formulation.



Immunocytochemistry/ Immunofluorescence - Anti-EHD1 antibody [EPR4955] - BSA and Azide free (ab247922)

This data was developed using [ab109747](#), the same antibody clone in a different buffer formulation. [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] - BSA and Azide free (ab247922)

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

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