abcam

Product datasheet

Anti-Junctional Adhesion Molecule 1/JAM-A antibody [EP1042Y] - BSA and Azide free ab232338

KO 評価済 リコンビナント RabMAb

1 References 画像数 3

製品の概要

製品名	Anti-Junctional Adhesion Molecule 1/JAM-A antibody [EP1042Y] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EP1042Y] to Junctional Adhesion Molecule 1/JAM-A - BSA and Azide free
由来種	Rabbit
アプリケーション	**適用あり:** IHC-P, WB
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	WB: HAP1 whole cell lysate.
特記事項	ab232338 is the carrier-free version of **ab52647**. 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	EP1042Y
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ab232338の使用に適用されます

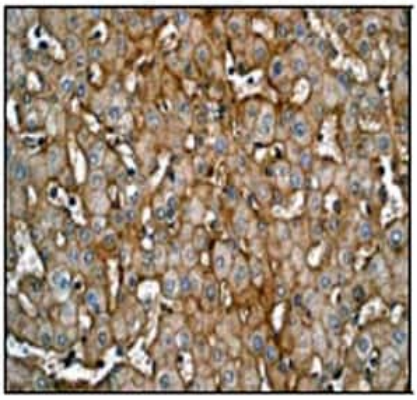
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 33 kDa (predicted molecular weight: 33 kDa).

ターゲット情報

機能	Seems to plays a role in epithelial tight junction formation. Appears early in primordial forms of cell junctions and recruits PARD3. The association of the PARD6-PARD3 complex may prevent the interaction of PARD3 with JAM1, thereby preventing tight junction assembly (By similarity). Plays a role in regulating monocyte transmigration involved in integrity of epithelial barrier. Involved in platelet activation. In case of orthoreovirus infection, serves as receptor for the virus.
配列類似性	Belongs to the immunoglobulin superfamily. Contains 2 Ig-like V-type (immunoglobulin-like) domains.
翻訳後修飾	N-glycosylated.
細胞内局在	Cell junction > tight junction. Cell membrane. Localized at tight junctions of both epithelial and endothelial cells.

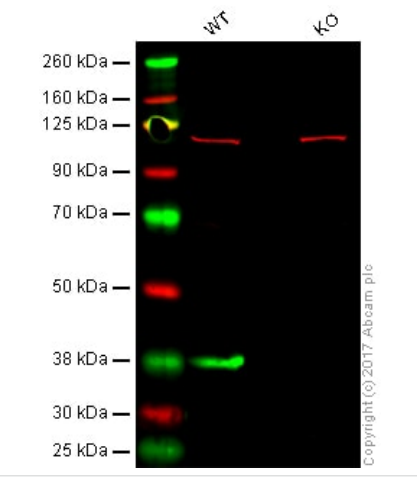
画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Junctional Adhesion Molecule 1/JAM-A antibody [EP1042Y] - BSA and Azide free (ab232338)

Immunohistochemical staining of paraffin-embedded human liver using unpurified **ab52647** at a 1/100 dilution.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab52647**).



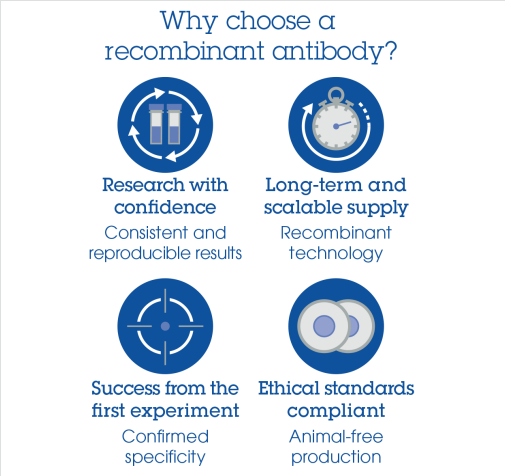
Western blot - Anti-Junctional Adhesion Molecule 1/JAM-A antibody [EP1042Y] - BSA and Azide free (ab232338)

Lane 1: Wild-type HAP1 whole cell lysate (40 µg)
Lane 2: Junctional Adhesion Molecule 1/JAM-A knockout HAP1 whole cell lysate (40 µg)

Lanes 1 - 2: Merged signal (red and green). Green - **ab52647** observed at 32 kDa. Red - loading control, **ab18058**, observed at 130 kDa.

ab52647 was shown to specifically react with Junctional Adhesion Molecule 1/JAM-A in wild-type HAP1 cells as signal was lost in Junctional Adhesion Molecule 1 knockout cells. Wild-type and Junctional Adhesion Molecule 1/JAM-A knockout samples were subjected to SDS-PAGE. **ab52647** and **ab18058** (Mouse anti-Vinculin 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.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab52647**).



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