

Anti-ABCG1 antibody [EP1366Y] - BSA and Azide free ab218528

リコンビナント **RabMAb**

15 References 画像数 3

製品の概要

製品名	Anti-ABCG1 antibody [EP1366Y] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EP1366Y] to ABCG1 - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: WB, ICC/IF 適用なし: IHC-P
種交差性	交差種: Mouse, Rat, Cow, 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	ICC/IF: HUVEC cell lysate.
特記事項	<p>ab218528 is the carrier-free version of ab52617.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <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>

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: 7.20 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	EP1366Y
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ab218528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。

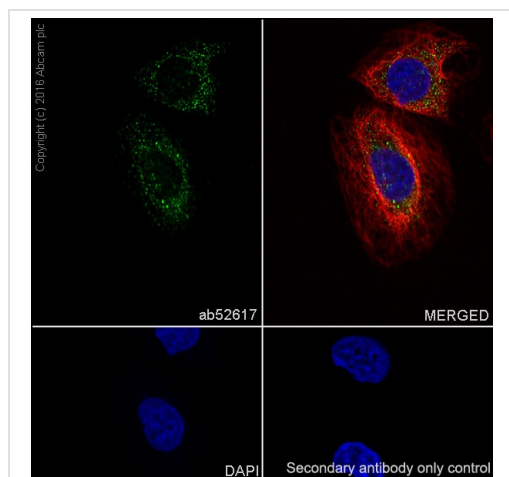
アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Detects a band of approximately 110 kDa (predicted molecular weight: 75 kDa).
ICC/IF		Use at an assay dependent concentration.

追加情報 Is unsuitable for IHC-P.

ターゲット情報

機能	Transporter involved in macrophage lipid homeostasis. Is an active component of the macrophage lipid export complex. Could also be involved in intracellular lipid transport processes. The role in cellular lipid homeostasis may not be limited to macrophages.
組織特異性	Expressed in several tissues. Expressed in macrophages; expression is increased in macrophages from patients with Tangier disease.
配列類似性	Belongs to the ABC transporter superfamily. ABCG family. Eye pigment precursor importer (TC 3.A.1.204) subfamily. Contains 1 ABC transmembrane type-2 domain. Contains 1 ABC transporter domain.
細胞内局在	Endoplasmic reticulum membrane. Golgi apparatus membrane. Predominantly localized in the intracellular compartments mainly associated with the endoplasmic reticulum (ER) and Golgi membranes.

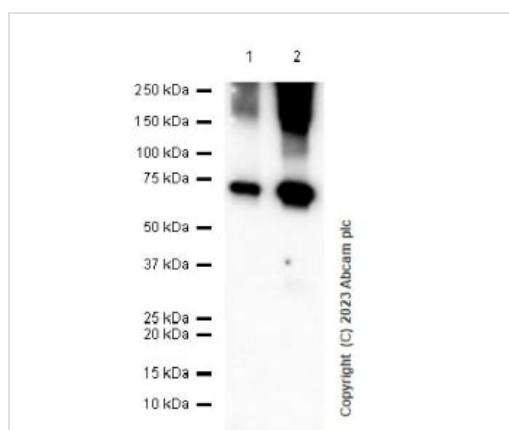
画像



Immunocytochemistry/ Immunofluorescence - Anti-ABCG1 antibody [EP1366Y] - BSA and Azide free (ab218528)

ab52617 staining ABCG1 in HUVEC (Human umbilical vein endothelial cell line) cells by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with 4% Paraformaldehyde and permeabilized with 0.1% Triton X-100. Samples were incubated with primary antibody at a dilution of 1/100. A goat anti rabbit IgG (Alexa Fluor® 488) (**ab150077**) was used as the secondary antibody at a dilution of 1/1000. **ab195889** was used as a counterstain for primary antibody **ab52617** at 1/200. DAPI was used as a nuclear counterstain and PBS as a negative control.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab52617**).



Western blot - Anti-ABCG1 antibody [EP1366Y] - BSA and Azide free (ab218528)

Lane 1 : Anti-ABCG1 antibody [EP1366Y] (**ab52617**) at 1/1000 dilution

Lane 2 : Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody [EPR20018-251] (**ab205606**) at 1/1000 dilution

All lanes : C-Myc/DDK-tagged full length human ABCG1 recombinant protein 10 ng

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 75 kDa

Observed band size: 75 kDa

Exposure time: 180 seconds

This data was developed using the same antibody clone in a different buffer formulation (**ab52617**).

Blocking/Dilution buffer: 5% NFDm/TBST

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

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

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