

Anti-CD38 antibody [EPR22691-219] ab235590

リコンビナント RabMAb

画像数 3

製品の概要

製品名	Anti-CD38 antibody [EPR22691-219]
製品の詳細	Rabbit monoclonal [EPR22691-219] to CD38
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt, ICC/IF 適用なし: IHC-P, IP or WB
種交差性	交差種: Mouse
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	ICC/IF: Mouse splenocytes. Flow cyt: Mouse splenocytes.
特記事項	<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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR22691-219
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ab235590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。

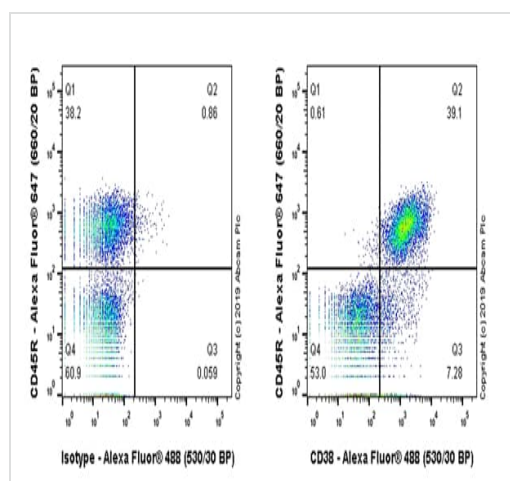
アプリケーション	Abreviews	特記事項
Flow Cyt		1/500.
ICC/IF		1/50.

追加情報 Is unsuitable for IHC-P, IP or WB.

ターゲット情報

機能	Synthesizes cyclic ADP-ribose, a second messenger for glucose-induced insulin secretion. Also has cADPr hydrolase activity. Also moonlights as a receptor in cells of the immune system.
組織特異性	Expressed at high levels in pancreas, liver, kidney, brain, testis, ovary, placenta, malignant lymphoma and neuroblastoma.
配列類似性	Belongs to the ADP-ribosyl cyclase family.
発生段階	Preferentially expressed at both early and late stages of the B and T-cell maturation. It is also detected on erythroid and myeloid progenitors in bone marrow, where the level of surface expression was shown to decrease during differentiation of blast-forming unit E to colony-forming unit E.
細胞内局在	Membrane.
製品の状態	There are 2 isoforms produced by alternative splicing.

画像



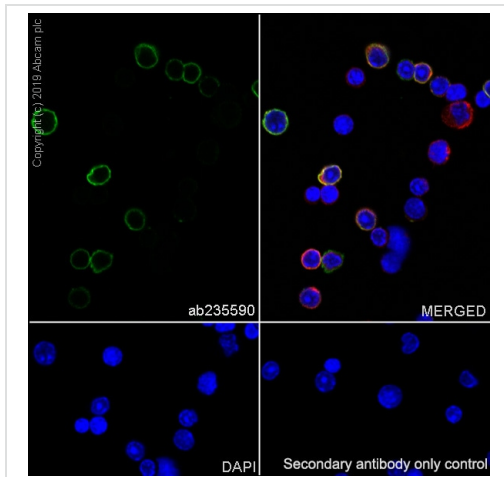
Flow Cytometry - Anti-CD38 antibody [EPR22691-219] (ab235590)

Flow cytometric analysis of mouse splenocytes labeling CD38 with ab235590 at 1/500 dilution (Right) compared with Recombinant Rabbit IgG, monoclonal [EPR25A] - Isotype Control ([ab172730](#)) (Left).

Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) ([ab150077](#)), at 1/2000 dilution was used as the secondary antibody.

Cells were stained with rabbit IgG (Left) or ab235590 (Right). Then stained with anti-CD45R conjugated to Alexa Fluor® 647.

Gated on viable cells.



Immunocytochemistry/ Immunofluorescence - Anti-CD38 antibody [EPR22691-219] (ab235590)

Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized mouse splenocytes labeling CD38 with ab235590 at 1/50 dilution, followed by Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) (**ab150077**) secondary antibody at 1/1000 dilution (green). Confocal image showing membranous staining in subsets of mouse splenocytes. The nuclear counter stain is DAPI (blue). Tubulin is detected with Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) (**ab195889**) at 1/200 dilution (red).

Secondary antibody only control: Used PBS instead of primary antibody, followed by Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) (**ab150077**) secondary antibody at 1/1000 dilution.

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-CD38 antibody [EPR22691-219] (ab235590)

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

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