

Alexa Fluor® 647 Anti-CCR2 antibody [EPR20844] ab245897

リコンビナント **RabMAb**

画像数 3

製品の概要

製品名	Alexa Fluor® 647 Anti-CCR2 antibody [EPR20844]
製品の詳細	Alexa Fluor® 647 Rabbit monoclonal [EPR20844] to CCR2
由来種	Rabbit
標識	Alexa Fluor® 647. Ex: 652nm, Em: 668nm
アプリケーション	適用あり: ICC/IF, Flow Cyt
種交差性	交差種: Mouse
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: Mouse CCR2 with GFP tag transfected HEK-293T cells. Flow Cyt: Splenocytes (Mouse) cells.
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> <p>Alexa Fluor® is a registered trademark of Molecular Probes, Inc, a Thermo Fisher Scientific Company. The Alexa Fluor® dye included in this product is provided under an intellectual property license from Life Technologies Corporation. As this product contains the Alexa Fluor® dye, the purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). As this product contains the Alexa Fluor® dye the sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are sold for use in research. For information on purchasing a license to this product for purposes other than research, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@thermofisher.com.</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. Store In the Dark.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR20844
アイソタイプ	IgG

アプリケーション

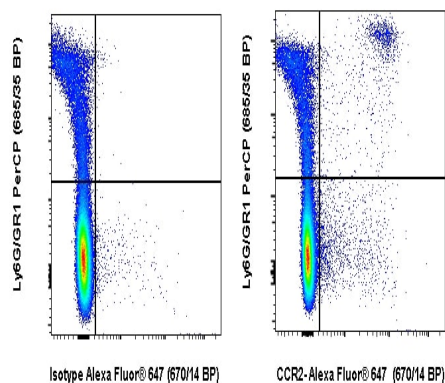
The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab245897の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		1/200. This product gave a positive signal in GFP transfected HEK-293T fixed with 4% formaldehyde (10 min).
Flow Cyt		1/500.

ターゲット情報

機能	Receptor for the MCP-1, MCP-3 and MCP-4 chemokines. Transduces a signal by increasing the intracellular calcium ions level. Alternative coreceptor with CD4 for HIV-1 infection.
配列類似性	Belongs to the G-protein coupled receptor 1 family.
翻訳後修飾	N-glycosylated.
細胞内局在	Cell membrane.

画像



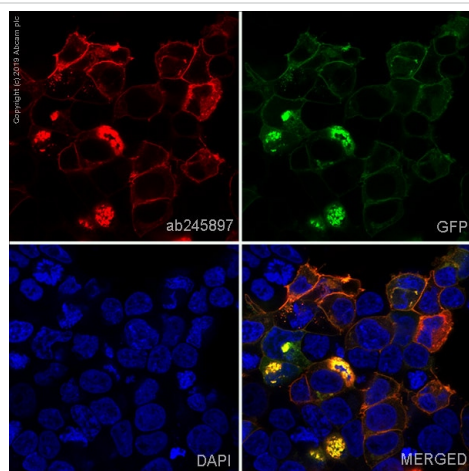
Flow Cytometry - Alexa Fluor® 647 Anti-CCR2 antibody [EPR20844] (ab245897)

C57BL/6 mouse splenocytes stained with ab245897 (right) or Rabbit IgG (monoclonal) Alexa Fluor® 647 (**ab199093**) (left).

C57BL/6 Mouse splenocytes were incubated for 30 min on ice in 1x PBS containing 10 µg/ml anti CD16/32 antibody and 10% normal goat serum to block FC receptors and non-specific protein-protein interactions followed by the antibody (ab245897) or Rabbit IgG (monoclonal) Alexa Fluor® 647 (**ab199093**) (1×10^6 in 100 µl at 1 µg/ml (1/500)) for 30 min on ice. The cells were simultaneously stained with Ly6G/GR1 PerCP conjugated antibody (**ab236728**).

Acquisition of >30,000 events were collected using a 40 mW Red laser (640 nm) and 670/14 bandpass filter.

Events were gated on viable lymphocytes.



Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 647 Anti-CCR2 antibody [EPR20844] (ab245897)

ab245897 staining CCR2 in HEK-293T cells transfected with mouse CCR2 with GFP tag. The cells were fixed with 4% formaldehyde (10 min), permeabilized with 0.1% Triton X-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated overnight at +4°C with ab245897 at 1/200 dilution (shown in red). Nuclear DNA was labeled with DAPI (shown in blue) and GFP is shown in green.

Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).

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

Alexa Fluor® 647 Anti-CCR2 antibody [EPR20844]
(ab245897)

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

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