

Product datasheet

Alexa Fluor® 488 Anti-CCR2 antibody [EPR20844-15] ab302579

Recombinant RabMAb

[2 Images](#)

Overview

Product name	Alexa Fluor® 488 Anti-CCR2 antibody [EPR20844-15]
Description	Alexa Fluor® 488 Rabbit monoclonal [EPR20844-15] to CCR2
Host species	Rabbit
Conjugation	Alexa Fluor® 488. Ex: 495nm, Em: 519nm
Tested applications	Suitable for: ICC/IF Unsuitable for: Flow Cyt or IHC-P
Species reactivity	Reacts with: Mouse Does not react with: Rat
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<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</p>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, 68% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR20844-15
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab302579 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

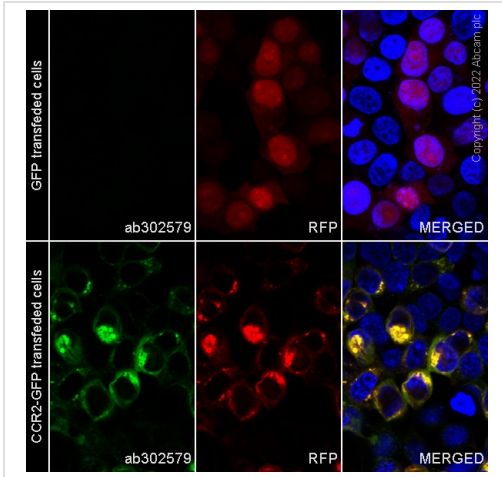
Application	Abreviews	Notes
ICC/IF		1/250.

Application notes Is unsuitable for Flow Cyt or IHC-P.

Target

Function	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.
Sequence similarities	Belongs to the G-protein coupled receptor 1 family.
Post-translational modifications	N-glycosylated.
Cellular localization	Cell membrane.

Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized 293T (Human embryonic kidney epithelial cells) transfected with RFP tagged CCR2 construct labeling CCR2 with ab302579 at 1/250 dilution (2.0 µg/ml) (green). Confocal image showing membranous and cytoplasmic staining in HEK-293T cells transfected with RFP tagged (red) CCR2 overexpression construct. The nuclear counter stain is DAPI (blue).

Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 488 Anti-CCR2 antibody [EPR20844-15] (ab302579)

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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

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