

Product datasheet

Anti-CD11c antibody [EPR21826] ab219799

Recombinant RabMAb

★★★★☆ [4 Abreviews](#) [7 References](#) [3 Images](#)

Overview

Product name	Anti-CD11c antibody [EPR21826]
Description	Rabbit monoclonal [EPR21826] to CD11c
Host species	Rabbit
Tested applications	Suitable for: IHC-P, Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	IHC-P: Mouse spleen tissue. Flow Cyt: Mouse primary splenocytes.
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>

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.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol, 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR21826
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab219799 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
IHC-P	★★★★★ (3)	1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
Flow Cyt		1/50.

Target

Function Integrin alpha-X/beta-2 is a receptor for fibrinogen. It recognizes the sequence G-P-R in fibrinogen. It mediates cell-cell interaction during inflammatory responses. It is especially important in monocyte adhesion and chemotaxis.

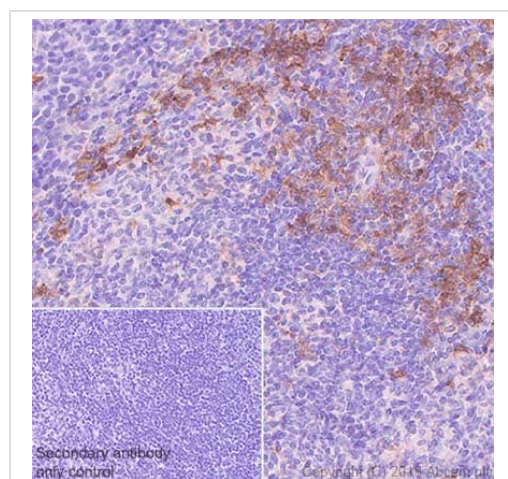
Tissue specificity Predominantly expressed in monocytes and granulocytes.

Sequence similarities Belongs to the integrin alpha chain family.
Contains 7 FG-GAP repeats.
Contains 1 VWFA domain.

Domain The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.

Cellular localization Membrane.

Images

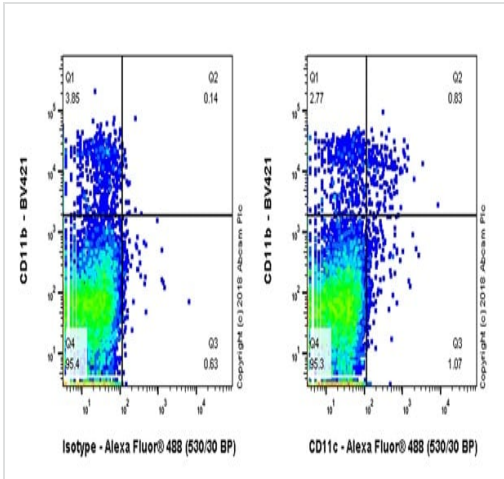


Immunohistochemical analysis of paraffin-embedded mouse spleen tissue labeling CD11c with ab219799 at 1/100 dilution, followed by ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)). Positive staining on dendritic cells of mouse spleen (PMID: 20194631, PMID: 15795237) is observed. Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)).

Perform heat mediated antigen retrieval using [ab208572](#) (Universal HIER antigen retrieval reagent).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD11c antibody [EPR21826] (ab219799)



Flow Cytometry - Anti-CD11c antibody [EPR21826]
(ab219799)





Flow cytometric analysis of mouse primary splenocytes labeling CD11c with ab219799 at a 1/50 dilution.

Cells were stained with BV421 conjugated CD11b and rabbit IgG (Left panel) or CD11c (Right panel).

Goat anti rabbit IgG (Alexa Fluor® 488, [ab150077](#)), at 1/2000 dilution was used as the secondary antibody.

Gated on viable cells.

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>

Anti-CD11c antibody [EPR21826] (ab219799)

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

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