

Product datasheet

PE Anti-F4/80 antibody [EPR20548] ab237335

Recombinant RabMAb

2 Images

Overview

Product name	PE Anti-F4/80 antibody [EPR20548]
Description	PE Rabbit monoclonal [EPR20548] to F4/80
Host species	Rabbit
Conjugation	PE. Ex: 488nm, Em: 575nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Flow Cyt: C57BL/6 mouse 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 +4°C. Store In the Dark.
Storage buffer	Preservative: 0.02% Sodium azide Constituents: 1% BSA, PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR20548
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab237335 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
Flow Cyt		1/100.

Target

Function

Orphan receptor involved in cell adhesion and probably in cell-cell interactions specifically involving cells of the immune system. May play a role in regulatory T-cells (Treg) development.

Tissue specificity

Expression is restricted to eosinophils.

Sequence similarities

Belongs to the G-protein coupled receptor 2 family. Adhesion G-protein coupled receptor (ADGR) subfamily.

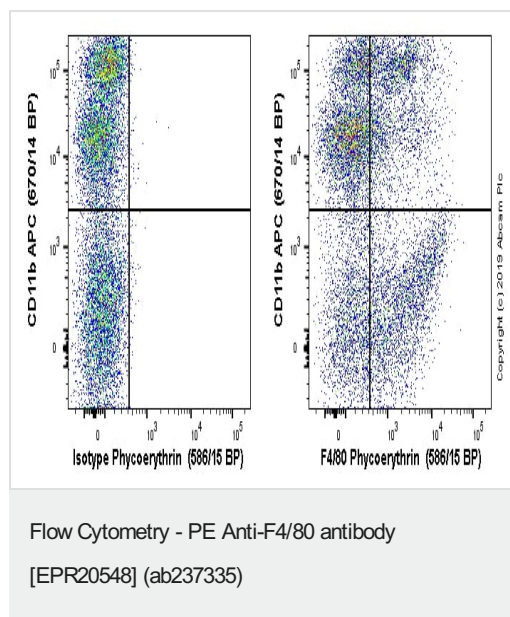
Contains 6 EGF-like domains.

Contains 1 GPS domain.

Cellular localization

Cell membrane.

Images



C57BL/6 mouse splenocytes stained with ab237335 (right) or Rabbit IgG (monoclonal) Phycoerythrin (**ab209478**) isotype (left). C57BL/6 mouse splenocytes were incubated for 30 min on ice in 1x PBS containing 10 µg/ml anti CD16/CD32 and 10 % normal goat serum to block FC receptors and non-specific protein-protein interaction followed by the antibody (ab237335) or Rabbit IgG (monoclonal) Phycoerythrin (**ab209478**) isotype (1x 10⁶ in 100 µl at 5 µg/ml (1/100)) for 30 min on ice. The cells were simultaneously stained with CD11b.

Acquisition of >30,000 events were collected using a 50 mW Yellow/Green laser (561nm) and 586/15 bandpass filter. Events were gated on viable CD19 and CD3 negative lymphocytes.

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

PE Anti-F4/80 antibody [EPR20548] (ab237335)

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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