abcam

Product datasheet

Alexa Fluor® 647 Anti-CD177 antibody [MEM-166] ab187590

2 Images

Overview

Product name	Alexa Fluor® 647 Anti-CD177 antibody [MEM-166]
Description	Alexa Fluor® 647 Mouse monoclonal [MEM-166] to CD177
Host species	Mouse
Conjugation	Alexa Fluor® 647. Ex: 652nm, Em: 668nm
Tested applications	**Suitable for:** Flow Cyt
Species reactivity	**Reacts with:** Human
Immunogen	Tissue, cells or virus corresponding to Human CD177. Human granulocytes.
Positive control	Flow Cyt: Human blood cells.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Storage buffer	pH: 7.4 Preservative: 0.097% Sodium azide Constituents: 0.2% BSA, 99% PBS
Purity	Size exclusion
Clonality	Monoclonal
Clone number	MEM-166
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab187590 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		Use at an assay dependent concentration. 4 µl reagent / 100 µl of whole blood or 10^6 cells in a suspension.

Target

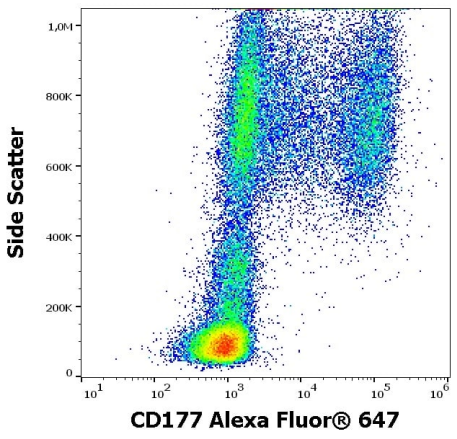
Tissue specificity Highly expressed in normal bone marrow and weakly expressed in fetal liver. Expressed on neutrophils. Expressed in granulocytes of patients with polycythemia vera (PV) and with essential thrombocythemia (ET).

Sequence similarities Contains 2 UPAR/Ly6 domains.

Post-translational modifications N-glycosylated.
A soluble form may also be produced by proteolytic cleavage at the cell surface (shedding).

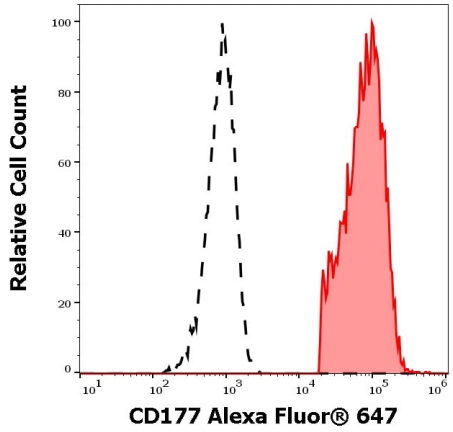
Cellular localization Cell membrane.

Images



Flow Cytometry - Alexa Fluor® 647 Anti-CD177 antibody [MEM-166] (ab187590)

Flow cytometry analysis of human peripheral blood labeling CD177 using ab187590 at 4 µL/100 µL whole blood. Surface staining.



Flow Cytometry - Alexa Fluor® 647 Anti-CD177 antibody [MEM-166] (ab187590)

Flow cytometry analysis of human peripheral blood labeling CD177 using ab187590 at 4 µL/100 µL whole blood. CD177-positive neutrophil granulocytes (Red) are separated from CD177-negative lymphocytes (Black, dashed line). Surface staining.

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