


PE Anti-CD177 antibody [MEM-166], prediluted ab69777

[1 References](#) [2 Images](#)

Overview

Product name	PE Anti-CD177 antibody [MEM-166], prediluted
Description	PE Mouse monoclonal [MEM-166] to CD177, prediluted
Host species	Mouse
Conjugation	PE. Ex: 488nm, Em: 575nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human Predicted to work with: Non human primates 
Immunogen	Tissue, cells or virus corresponding to Human CD177. Human granulocytes
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.4 Preservative: 0.097% Sodium azide Constituents: 0.2% BSA, PBS
Purity	Size exclusion
Purification notes	The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions.
Clonality	Monoclonal
Clone number	MEM-166
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab69777 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. Use 20 µl per 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

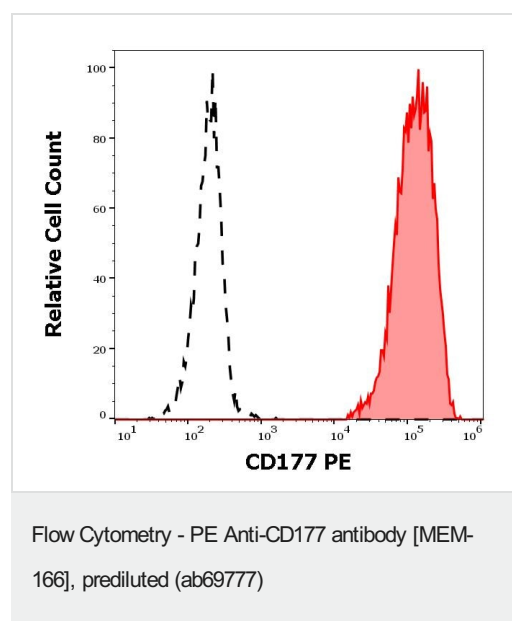
N-glycosylated.

A soluble form may also be produced by proteolytic cleavage at the cell surface (shedding).

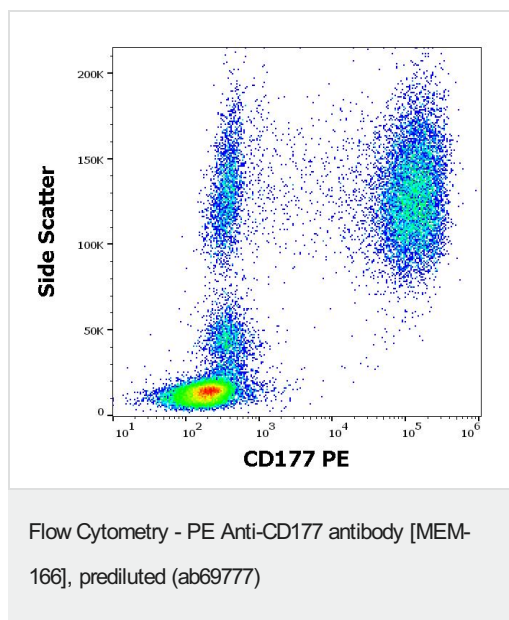
Cellular localization

Cell membrane.

Images



Separation of human CD177 positive neutrophil granulocytes (red-filled) from lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using ab69777 (20 µl reagent / 100 µl of peripheral whole blood).



Flow cytometry surface staining pattern of human peripheral whole blood stained using ab69777 (20 µl reagent / 100 µl of peripheral whole blood).

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

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