


APC Anti-CD177 antibody [MEM-166] ab77230

3 References

Overview

Product name	APC Anti-CD177 antibody [MEM-166]
Description	APC Mouse monoclonal [MEM-166] to CD177
Host species	Mouse
Conjugation	APC. Ex: 645nm, Em: 660nm
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
Positive control	Human blood cells.
General notes	<p>Purified antibody is conjugated with cross-linked Allophycocyanin (APC) under optimum conditions.</p> <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 Constituent: 0.2% BSA 0.2% (w/v) high-grade protease free BSA
Purity	Size exclusion
Purification notes	The conjugate is purified by size-exclusion chromatography and adjusted for direct use.

Clonality	Monoclonal
Clone number	MEM-166
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab77230 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 10µl for 10 ⁶ cells. ab37391 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody. Use 10µl for 10 ⁶ cells or 100µl of whole blood.

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.

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