

Product Datasheet

Anti-CD11b [5C6 (recombinant version)] (orb613781)

Catalog Number	orb613781
Category	Antibodies
Description	Rabbit monoclonal antibody to CD11b
Target	CD11b
Clonality	Monoclonal
Species/Host	Rat
Isotype	Rat IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Concentration	1 mg/ml
Buffer/Preservatives	PBS with 0.02% Proclin 300.
Purity	Purified
Immunogen	Fusion of spleen cells from AO rats immunised with Thioglycollate-elicited muine peritoneal macrophages (TPM) and the Y3 rat myeloma line.
UniProt ID	P11215
Tested applications	IF, IHC-Fr
Antibody Type	Recombinant Antibody
Clone Number	5C6 (recombinant version)

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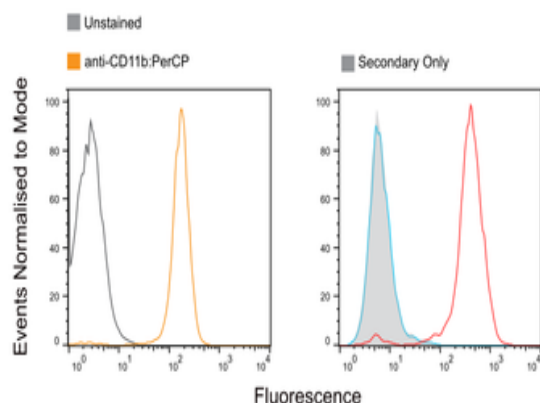
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Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

For research use only



Anti-CD11b staining of murine neutrophils. Ex vivo murine (C57BL6/J) neutrophils from zymosan-elicited peritoneal exudate were stained with anti-CD11b antibody and analysed by flow-cytometry. Forward- and side-scatter was used to gate on neutrophil population (data not shown) and fluorescence intensity analysed. Left panel shows the signal obtained from cells pre-treated with Fc-blocking reagent and subsequently stained with anti-CD11b (hybridoma-derived antibody obtained from competitor, clone M1/70) directly conjugated to PerCP. Comparison to unstained cells shows that that cells analysed are predominantly CD11b-positive. Right panel shows staining first with anti-CD11b (orb613782, clone 5C6 (recombinant version)) or isotype control (orb256396) followed by staining with fluorescently conjugated secondary antibody (goat anti-rat). As a further control, cells were also only stained with secondary antibody. Comparison of the staining pattern obtained using orb613782 compared to isotype- and secondary-only-control shows that the analysed cells are predominantly Cd11b-positive, agreeing with findings obtained using hybridoma-derived antibody.

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