

Product Datasheet

Anti-CD16/CD32 Antibody-PE/Cy7 labeled (orb1293523)

Description	Rat monoclonal antibody against CD16 conjugated to PE/Cy7
Species/Host	Rat
Reactivity	Mouse
Conjugation	PE/Cy7
Tested Applications	FC, IF
Immunogen	Sorted pre-B cells
Target	FCGR2B; FCGR3A
Preservatives	Rat IgG2a lambda. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Form/Appearance	Rat IgG2a lambda. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Storage	Shipped and store at 4°C for one year. Do not freeze.
Note	For research use only
Application notes	1. Take 100 µl peripheral blood anticoagulated by EDTA and add to the bottom of 5 ml tube. 2. Add 10 µl labeled antibody to the bottom of flow tube mixing with the whole blood, incubate for 20 minutes at room temperature away from light. 3. Add 2 ml RBC lysis buffer, incubate for 10 minutes away from light after mixing, dissolve red blood cells. 4. Sample tube is set to 1000 rpm centrifugation for 5 minutes, discard the supernatant. 5. Add 2 ml PBS wash buffer to resuspend the cells, then 1000 rpm centrifugation for 5 minutes, discard the supernatant. 6. Add 0.5 ml PBS wash buffer to resuspend the cells and detect by flow cytometry (sample should be determined on the day on the machine and can also be added fixation overnight at 4 °C then measured).
Clonality	Monoclonal

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Clone Number	93
Antibody Type	Primary Antibody
Source	Rat
Uniprot ID	P08508, P08101
Entrez	14131, 14130
Dilution Range	10 µl / assay
Expiration Date	12 months from date of receipt.

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