

Anti-CD16/CD32 Antibody-PE/Cy7 labeled

Catalog #	Source	Reactivity	Applications
CFI8954	Rat	M	IF, FC
Description	Rat monoclonal antibody PE/Cy7 labeled to CD16/CD32		
Immunogen	Sorted pre-B cells		
Purification	The antibody was purified by affinity chromatography.		
Specificity	Recognizes mouse CD16/CD32		
Clonality	Monoclonal (clone: 93)		
Conjugation	PE/Cy7		
Form	Rat IgG2a lambda. Liquid in PBS, pH 7.3, and 0.02% sodium azide.		
Dilution	10 µl / assay		
Gene Symbol	FCGR2B; FCGR3A		
Alternative Names	CD32; FCG2; IGFR2; Low affinity immunoglobulin gamma Fc region receptor II-b; IgG Fc receptor II-b; CDw32; Fc-gamma RII-b; Fc-gamma-RIIb; FcRII-b; CD32		
Entrez Gene	14130, 14131 (Mouse)		
SwissProt	P08101, P08508 (Mouse)		
Directions for Use	<ol style="list-style-type: none"> 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. 		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

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).

Storage/Stability

Shipped and store at 4°C for one year. Do not freeze.

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