

Anti-CD16 Antibody-AF700 labeled

Catalog #	Source	Reactivity	Applications
CFO8499	Mouse	H	IF, FC
Description	Mouse monoclonal antibody AF700 labled to CD16		
Immunogen	Native purified human CD16.		
Purification	The antibody was purified by affinity chromatography.		
Specificity	Recognizes human CD16		
Clonality	Monoclonal (clone: 3G8)		
Conjugation	AF700		
Form	Mouse IgG1. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.		
Dilution	10 µl / assay		
Gene Symbol	FCGR3B		
Alternative Names	CD16B; FCG3; FCGR3; IGFR3; Low affinity immunoglobulin gamma Fc region receptor III-B; Fc-gamma RIII-beta; Fc-gamma RIII; Fc-gamma RIIIB; FcRIII; FcRIIIB; FcR-10; IgG Fc receptor III-1; CD antigen CD16b		
Entrez Gene	2215 (Human)		
SwissProt	O75015 (Human)		
Directions for Use	<div>1. Take 100 µl peripheral blood anticoagulated by EDTA and add to the bottom of 5 ml tube.</div> <div>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.</div> <div>3. Add 2 ml RBC lysis buffer, incubate for 10 minutes away from light after mixing, dissolve red blood cells.</div> <div>4. Sample tube is set to 1000 rpm centrifugation for 5 minutes, discard the</div>		
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

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).

Storage/Stability

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

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