

Product Data Sheet

Anti-CD11b Antibody-PerCP/Cy5.5 labeled

Catalog #	Source	Reactivity	Applications
CFK8489	Mouse	H	IF, FC
Description	Mouse monoclonal antibody PerCP/Cy5.5 labled to CD11b		
Immunogen	Native purified human CD11b.		
Purification	The antibody was purified by affinity chromatography.		
Specificity	Recognizes human CD11b		
Clonality	Monoclonal (clone: ICRF44)		
Conjugation	PerCP/Cy5.5		
Form	Mouse IgG1. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.		
Dilution	10 µl / assay		
Gene Symbol	ITGAM		
Alternative Names	CD11B; CR3A; Integrin alpha-M; CD11 antigen-like family member B; CR-3 alpha chain; Cell surface glycoprotein MAC-1 subunit alpha; Leukocyte adhesion receptor MO1; Neutrophil adherence receptor; CD antigen CD11b		
Entrez Gene	3684 (Human)		
SwissProt	P11215 (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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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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