

Anti-CD14 Antibody-Biotin labeled

Catalog #	Source	Reactivity	Applications
CFA8493	Mouse	H	IF, FC
Description	Mouse monoclonal antibody Biotin labeled to CD14		
Immunogen	Native purified human CD14.		
Purification	The antibody was purified by affinity chromatography.		
Specificity	Recognizes human CD14		
Clonality	Monoclonal (clone: 61D3)		
Conjugation	Biotin		
Form	Mouse IgG1. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.		
Dilution	10 µl / assay		
Gene Symbol	CD14		
Alternative Names	Monocyte differentiation antigen CD14; Myeloid cell-specific leucine-rich glycoprotein; CD antigen CD14)		
Entrez Gene	929 (Human)		
SwissProt	P08571 (Human)		
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 appropriate amount of fluorescent-labeled Streptavidin and incubate for 20 minutes away from light at room temperature.
7. Repeat step 5.
8. 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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