

## Anti-CD11c Antibody

Catalog #	Source	Reactivity	Applications
CPA8575	Mouse	H	IF, FC
<b>Description</b>	Mouse monoclonal antibody to CD11c		
<b>Immunogen</b>	Native purified human CD11c		
<b>Purification</b>	The antibody was purified by affinity chromatography.		
<b>Specificity</b>	Recognizes human CD11c		
<b>Clonality</b>	Monoclonal (clone: 3.9)		
<b>Conjugation</b>			
<b>Form</b>	Mouse IgG1 kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.		
<b>Dilution</b>			
<b>Gene Symbol</b>	ITGAX		
<b>Alternative Names</b>	CD11C; Integrin alpha-X; CD11 antigen-like family member C; Leu M5; Leukocyte adhesion glycoprotein p150,95 alpha chain; Leukocyte adhesion receptor p150,95; CD11c		
<b>Entrez Gene</b>	3687 (Human)		
<b>SwissProt</b>	P20702 (Human)		
<b>Directions for Use</b>	<ol style="list-style-type: none"><li>1. Take 100 µl peripheral blood anticoagulated by EDTA and add to the bottom of 5 ml tube.</li><li>2. Add appropriate amount of antibody to the bottom of flow tube mixing with the whole blood; incubate for 30 minutes at room temperature.</li><li>3. Add 2 ml RBC lysis buffer; incubate for 10 minutes after mixing; dissolve red blood cells.</li><li>4. Sample tube is set to 1000 rpm centrifugation for 5 minutes; discard the</li></ol>		

**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 appropriate amount of fluorescent-labeled anti-mouse IgGs and incubate for 20 minutes away from light at room temperature.
7. Add 2 ml PBS wash buffer to resuspend the cells; then 1000 rpm centrifugation for 5 minutes; discard the supernatant.
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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