For research purposes only, not for human use

Product Data Sheet

Anti-CD11b Antibody

Catalog #	Source	Reactivity	Applications
CPA8775	Rat	H, M	IF, FC

Description	Rat monoclonal antibody to CD11b
Immunogen	C57BL/10 splenocytes
Purification	The antibody was purified by affinity chromatography.
Specificity	Recognizes mouse CD11b
Clonality	Monoclonal (clone: M1/70)
Conjugation	
Form	Rat IgG2b kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Dilution	
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; CD11b
Entrez Gene	3684 (Human); 16409 (Mouse)
SwissProt	P11215 (Human); P05555 (Mouse)
Directions for Use	1. Take 100 µl peripheral blood anticoagulated by EDTA and add to the bottom of 5 ml tube. 2. Add appropriate amount of antibody to the bottom of flow tube mixing with the whole blood; incubate for 30 minutes at room temperature. 3. Add 2 ml RBC lysis buffer; incubate for 10 minutes after mixing; dissolve red blood cells. 4. Sample tube is set to 1000 rpm centrifugation for 5 minutes; discard the

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

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-rat 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.