

Anti-CD49b Antibody-FITC labeled

Catalog #	Source	Reactivity	Applications
CFE8809	Rat	M	IF, FC
Description	Rat monoclonal antibody APC labeled to CD49b		
Immunogen	Mouse colon carcinoma cell line Colon26		
Purification	The antibody was purified by affinity chromatography.		
Specificity	Recognizes mouse CD49b		
Clonality	Monoclonal (clone: DX5)		
Conjugation	FITC		
Form	Rat IgM kappa. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.		
Dilution	10 µl / assay		
Gene Symbol	ITGA2		
Alternative Names	CD49B; Integrin alpha-2; CD49 antigen-like family member B; Collagen receptor; Platelet membrane glycoprotein Ia; GPIa; VLA-2 subunit alpha; CD49b		
Entrez Gene	16398 (Mouse)		
SwissProt	Q62469 (Mouse)		
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 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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