

Anti-CD51 Antibody-FITC labeled

Catalog #	Source	Reactivity	Applications
CFE8970	Mouse	H	IF, FC

Description	Mouse monoclonal antibody FITC labeled to CD51
Immunogen	Cell suspension containing osteoclasts from osteoclastomas
Purification	The antibody was purified by affinity chromatography.
Specificity	Recognizes human CD51
Clonality	Monoclonal (clone: 13C2)
Conjugation	FITC
Form	Mouse IgG1 kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Dilution	10 µl / assay
Gene Symbol	ITGAV
Alternative Names	MSK8; VNRA; Integrin alpha-V; Vitronectin receptor subunit alpha; CD51
Entrez Gene	3685 (Human)
SwissProt	P06756 (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. 5. Add 2 ml PBS wash buffer to resuspend the cells, then 1000 rpm centrifugation

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

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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