

Product Datasheet

Anti-CD107a Antibody-FITC labeled (orb1293876)

Description	Rat monoclonal antibody against CD107a conjugated to FITC
Species/Host	Rat
Reactivity	Mouse
Conjugation	FITC
Tested Applications	FC, IF
Immunogen	This monoclonal antibody was raised against NIH/3T3 mouse embryo fibroblast tissue culture cell membranes. It has been mapped to the N-terminus of LAMP-1.
Target	LAMP1
Preservatives	Rat IgG2a kappa. Liquid in PBS, pH 7.3, 0.2% rAlbumin, and 0.02% sodium azide.
Form/Appearance	Rat IgG2a kappa. Liquid in PBS, pH 7.3, 0.2% rAlbumin, and 0.02% sodium azide.
Storage	Shipped and store at 4°C for one year. Do not freeze.
Note	For research use only
Application notes	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 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).
Clonality	Monoclonal
Clone Number	1D4B

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Antibody Type	Primary Antibody
Source	Rat
Uniprot ID	P11438
Entrez	16783
Dilution Range	10 µl / assay
Expiration Date	12 months from date of receipt.

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