

Product Datasheet

CD107a antibody (FITC) (orb1293876)

Description

Rat monoclonal antibody against CD107a

Species/Host

Rat

Reactivity

Mouse

Conjugation

FITC

Tested

FC, IF

Applications
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

Source

Rat

Uniprot ID
P11438