

Product Datasheet

Anti-CD38 Antibody-PE/Cy5 labeled (orb1293641)

Description	Mouse monoclonal antibody against CD38 conjugated to PE/Cy5
Species/Host	Mouse
Reactivity	Human
Conjugation	PE/Cy5
Tested Applications	FC, IF
Immunogen	Native purified human CD38.
Target	CD38
Preservatives	Mouse IgG1. Liquid in PBS, pH 7.3, 0.2% rAlbumin, and 0.02% sodium azide.
Form/Appearance	Mouse IgG1. 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	HIT2

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Antibody Type	Primary Antibody
Source	Mouse
Uniprot ID	P28907
Entrez	952
Dilution Range	10 µl / assay
Expiration Date	12 months from date of receipt.

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