

Product Datasheet

Anti-CD44 Antibody-FITC labeled (orb1293898)

Description	Rat monoclonal antibody against CD44 conjugated to FITC
Species/Host	Rat
Reactivity	Human, Mouse
Conjugation	FITC
Tested Applications	FC, IF
Immunogen	Dexamethasone-induced myeloid leukemia M1 cells
Target	CD44
Preservatives	Rat IgG1 kappa. Liquid in PBS, pH 7.3, 0.2% rAlbumin, and 0.02% sodium azide.
Form/Appearance	Rat IgG1 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	KM201

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Antibody Type	Primary Antibody
Source	Rat
Uniprot ID	P15379, P16070
Entrez	12505, 960
Dilution Range	10 µl / assay
Expiration Date	12 months from date of receipt.

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