

Product Datasheet

CD23 Rat Monoclonal Antibody (APC) (orb1294099)

Catalog Number	orb1294099
Category	Antibodies
Description	The CD23 Antibody-APC labeled is suitable for FC, IF. It is a Monoclonal, APC conjugated antibody which raised against Complex of IgE with Fcε receptor isolated from the mouse B hybridoma cell line O1.2B2. Purification: The antibody was purified by affinity chromatography.
Target	FCER2
Clonality	Monoclonal
Species/Host	Rat
Isotype	Rat IgG2a kappa
Conjugation	APC
Reactivity	Mouse
Form/Appearance	Liquid
Buffer/Preservatives	PBS, pH 7.3, 0.2% rAlbumin, and 0.02% sodium azide.
Purification	The antibody was purified by affinity chromatography.
Immunogen	Complex of IgE with Fcε receptor isolated from the mouse B hybridoma cell line O1.2B2
UniProt ID	P20693
Tested applications	FC, IF

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Dilution range	10 µl / assay
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).
Specificity	Recognizes mouse CD23
Antibody Type	Primary Antibody
Clone Number	B4I0
Storage	Shipped and store at 4°C for one year. Do not freeze.
Note	For research use only
Entrez	14128
Expiration Date	12 months from date of receipt.

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