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43-1050: Monoclonal Antibody to Mouse CD38 NALE™ Purified (Clone: 90)

Clonality :	Monoclonal
Clone Name :	90
Application :	FACS
Reactivity :	Mouse
Gene :	Cd38
Gene ID :	12494
Uniprot ID :	P56528
Alternative Name :	I-19, NIM-R5 antigen, 2'-phospho-ADP-ribosyl cyclase, 2'-phospho-ADP-ribosyl cyclase/2'-phospho-cyclic-ADP-ribose transferase, 2'-phospho-cyclic-ADP-ribose transferase, ADP-ribosyl cyclase 1
Isotype :	Mouse IgG2a, kappa

Description

The 90 monoclonal antibody specifically bind to mouse CD38, a type II transmembrane glycoprotein. CD38 is expressed on activated T cells, plasma cells, monocytes, and macrophages. In the mouse as opposed to the human, CD38 expression is downregulated on mouse germinal center B cells and plasma cells. CD38 displays cyclase and hydrolase enzymatic activity and is involved in lymphocyte adhesion, activation, and cell signaling. Its ligand is CD31.

Product Info

Amount :	500 µg
Content :	1 mg/ml in Phosphate-buffered aqueous solution, ph7.2.
Storage condition :	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.