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12-9020-B: Biotinylated Anti-CD38 antibody(DM29), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	DM29
Application :	ELISA, FACS
Reactivity :	Human
Format :	Powder
Alternative Name :	T10, cADPr hydrolase 1

Description

CD antigen CD38 is also known as ADP-ribosyl cyclase 1, which belongs to the ADP-ribosyl cyclase family. CD38 is expressed at high levels in pancreas, liver, kidney, brain, testis, ovary, placenta, malignant lymphoma and neuroblastoma. CD38 is a multifunctional ectoenzyme that catalyzes the synthesis and hydrolysis of cyclic ADP-ribose (cADPR) from NAD+ to ADP-ribose. These reaction products are essential for the regulation of intracellular Ca2+. The loss of CD38 function is associated with impaired immune responses, metabolic disturbances, and behavioral modifications. The CD38 protein is a marker of cell activation. It has been connected to HIV infection, leukemias, myelomas, solid tumors, type II diabetes mellitus and bone metabolism. CD38 has been used as a prognostic marker in leukemia.

Product Info

Amount :	100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Not Sterile
Storage condition :	Store at 2 °C-8 °C for 6 months

Application Note

ELISA 1/5000-10000;FACSÃ Â 1/100

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