

Product datasheet for **TA389458**

Biotinylated Anti-CD38 antibody(DM30), Rabbit mAb

Product data:

Product Type:	Primary Antibodies
Clone Name:	DM30
Applications:	ELISA, FC
Recommended Dilution:	ELISA 1:5000-10000 Flow Cyt 1:100
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Formulation:	1XPBS
Concentration:	Lot specific
Purification:	Purified from cell culture supernatant by affinity chromatography
Conjugation:	Biotin
Storage:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).Lyophilized antibodies are shipped at ambient temperature.
Stability:	12 months from date of despatch
Database Link:	Q9MZ03
Background:	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 Ca ²⁺ . 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.
Synonyms:	T10, cADPr hydrolase 1



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