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[Primary Antibody]

Recombinant Rabbit Anti-CD38 Monoclonal Antibody

Catalog Number: SLA0359M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	Mouse IgG1, k
Clonality:	Monoclonal
Clone No.:	8G6
GeneID:	952
SWISS:	P28907
Target:	CD38
Immunogen:	KLH conjugated synthetic peptide derived from human CD38
Purification:	affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	Flow-Cyt (1ug/Test) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	34 kDa
Subcellular Location:	Membrane
Background:	The protein encoded by this gene is a non-lineage-restricted, type II transmembrane glycoprotein that synthesizes and hydrolyzes cyclic adenosine 5'-diphosphate-ribose, an intracellular calcium ion mobilizing messenger. The release of soluble protein and the ability of membrane-bound protein to become internalized indicate both extracellular and intracellular functions for the protein. This protein has an N-terminal cytoplasmic tail, a single membrane-spanning domain, and a C-terminal extracellular region with four N-glycosylation sites. Crystal structure analysis demonstrates that the functional molecule is a dimer, with the central portion containing the catalytic site. It is used as a prognostic marker for patients with chronic lymphocytic leukemia. Alternative splicing results in multiple transcript variants. [provided

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	by RefSeq, Sep 2015]

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