A20215

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CD38 Rabbit mAb

Catalog No.: A20215 Recombinant 1 Publications

Basic Information

Observed MW
Refer to figures

Calculated MW
34kDa

Category
SMab Recombinant Monoclonal Antibody

Applications
FC,ELISA

Cross-Reactivity
Human

CloneNo number
ARC5131-01

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.

Recommended Dilutions

FC	1:50 - 1:200

Immunogen Information

Gene ID
952

Swiss Prot
P28907

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 43-300 of human CD38 (P28907).

Synonyms
ADPRC1; cADPR1; ADPRC 1; CD38

Contact

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Product Information

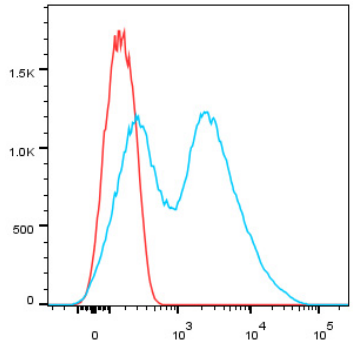
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 4℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,pH7.3.

Validation Data



Human peripheral blood lymphocytes stained with CD38 Rabbit mAb (10 µg/mL) plus FITC conjugated goat anti-rabbit IgG (Blue). Secondary antibody only staining (red) were used as a control.