

Mouse anti-Human CD38 Monoclonal Antibody | anti-CD38 antibody

Anti-Human CD38 Monoclonal Antibody (Alexa Fluor 647 Conjugated)

CATALOG # AAA174627	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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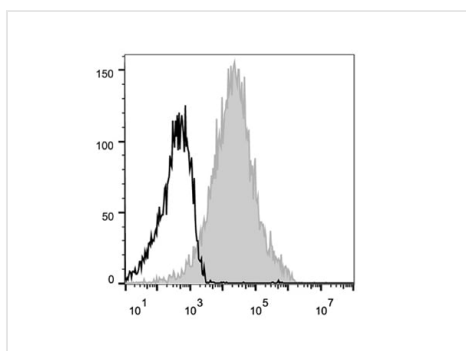
PRODUCT SYNONYMS

CD38; Monoclonal Antibody; Anti-Human CD38 Monoclonal Antibody (Alexa Fluor 647 Conjugated); ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1; 2'-phospho-ADP-ribosyl cyclase; 2'-phospho-cyclic-ADP-ribose transferase; ADP-ribosyl cyclase 1; ADPRC 1; Cyclic ADP-ribose hydrolase 1; cADPr hydrolase 1; T10; anti-CD38 antibody

PRODUCT SPECIFICATIONS

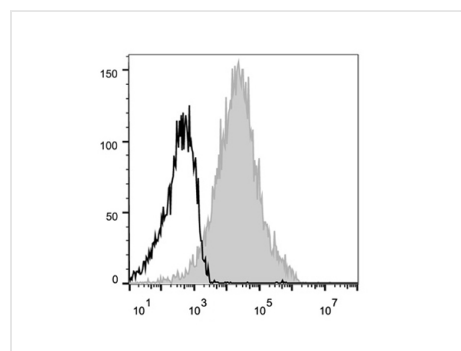
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	HIT2
Form/Format	Liquid; PBS with 0.05% Proclin300, 1% BSA
Sequence Length	300
Applicable Applications for anti-CD38 antibody	FCM/FACS (Flow Cytometry)
Conjugation	Alexa Fluor 647
Preparation and Storage	Store at 2-8 degree C and protected from prolonged exposure to light. Do not freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Human peripheral blood lymphocytes are stained with Anti-Human CD38 Monoclonal Antibody(Alexa Fluor 647 Conjugated)(filled gray histogram). Unstained lymphocytes (empty black histogram) are used as control.



FCM/FACS (Flow Cytometry)

Flow cytometry antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CD38 antibody	CD38 is a 45 kD type II transmembrane glycoprotein also known as T10. It is an ADP-ribosyl hydrolase expressed at variable levels on hematopoietic cells and in some non-hematopoietic tissues (such as brain, muscles, and kidney). In humans, it is expressed at high levels on plasma cells and activated T and B cells. By functioning as both a cyclase and a hydrolase, CD38 mediates lymphocyte activation, adhesion, and the metabolism of cADPR and NAADP. CD31 is the ligand of CD38.
References	1. Ferrero E, et al. 1999. J. Leukoc. Biol. 65:151. 2. Lund F, et al. 1995. Immunol. Today 16:469.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55977782
NCBI GeneID	952
UniProt Accession #	P28907
NCBI Official Full Name	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1
NCBI Official Synonym Full Names	CD38 molecule
NCBI Official Symbol	CD38
NCBI Official Synonym Symbols	ADPRC1; ADPRC 1
NCBI Protein Information	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1
UniProt Protein Name	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1
UniProt Gene Name	CD38
UniProt Synonym Gene Names	ADPRC 1; cADPr hydrolase 1
UniProt Entry Name	CD38_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd38-antibody-clone-hit2-flow-cytometry-elisa/174627>