

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

CD38 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312300	Rabbit	Human	Immunohistochemistry, Western Blot

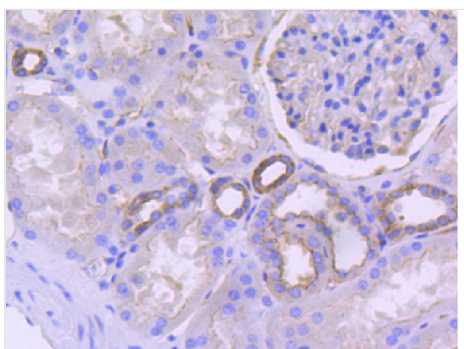
PRODUCT SYNONYMS

CD38; Monoclonal Antibody; CD38 Antibody; Acute lymphoblastic leukemia cells antigen CD38 antibody; ADP ribosyl cyclase 1 antibody; ADP ribosyl cyclase antibody; ADP ribosyl cyclase/cyclic ADP-ribose hydrolase antibody; ADP-ribose cyclase 1 antibody; ADPRC 1 antibody; ADPRC1 antibody; cADPr hydrolase 1 antibody; CD 38 antibody; CD38 antibody; CD38 antigen (p45) antibody; CD38 antigen antibody; CD38 molecule antibody; Cd38-rs1 antibody; CD38_HUMAN antibody; CD38H antibody; Cyclic ADP ribose hydrolase antibody; Cyclic ADP ribose hydrolase 1 antibody; Cyclic ADP-ribose hydrolase 1 antibody; EC 3.2.2.5 antibody; Ecto nicotinamide adenine dinucleotide glycohydrolase antibody; I-19 antibody; I19 (mouse) antibody; Lymphocyte differentiation antigen CD38 antibody; NAD (+) nucleosidase antibody; NIM-R5 antigen antibody; NIMR5 antigen (mouse) antibody; OTTHUMP00000158633 antibody; OTTHUMP00000217743 antibody; p45 antibody; T10 antibody; anti-CD38 antibody

PRODUCT SPECIFICATIONS

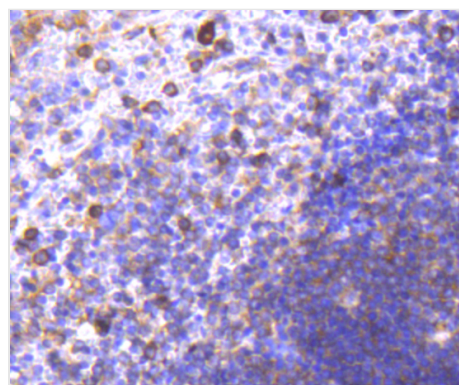
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	SN07-20
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CD38 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



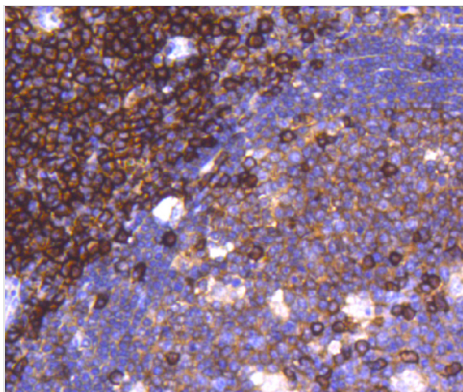
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-CD38 antibody. Counter stained with hematoxylin.



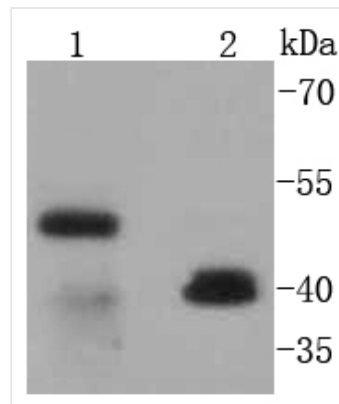
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-CD38 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD38 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of CD38 on different lysates using anti-CD38 antibody at 1/1,000 dilution. Positive control: Lane 1: THP-1 Lane 2: Raji

ADDITIONAL INFORMATION

Related Product Information for anti-CD38 antibody	CD38 is a type II integral membrane glycoprotein which is present on early B and T cell lineages and activated B and T cells but is absent from most mature resting peripheral lymphocytes. CD38 is also found on thymocytes, pre-B cells, germinal center B cells, mitogen-activated T cells, monocytes and Ig-secreting plasma cells. CD38 acts as a NAD glycohydrolase in T lymphocytes. On hematopoietic cells CD38 induces activation, proliferation, and differentiation of mature T and B cells and mediates apoptosis of myeloid and lymphoid progenitor cells. In addition to acting as a signaling receptor, CD38 is also an enzyme capable of producing several calcium-mobilizing metabolites, including cyclic adenosine diphosphate ribose (cADPR). CD38 also plays a role in maintaining survival of an invariant NK T (iNKT) cell subset that preferentially contributes to the maintenance of immunological tolerance.
Product Categories/Family for anti-CD38 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	55977782
NCBI GeneID	952
UniProt Accession #	P28907; O00121; O00122; Q96HY4
Molecular Weight	300
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	T10; ADPRC 1
NCBI Protein Information	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1; cADPr hydrolase 1; CD38 antigen (p45); NAD(+) nucleosidase; ADP-ribosyl cyclase 1; 2'-phospho-ADP-ribosyl cyclase; 2'-phospho-cyclic-ADP-ribose transferase; 2'-phospho-ADP-ribosyl cyclase/2'-phospho-cycli
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.

