

Mouse anti-Human CD20 Monoclonal Antibody | anti-CD20 antibody

Mouse anti-CD20 Monoclonal Antibody, Purified [L26]

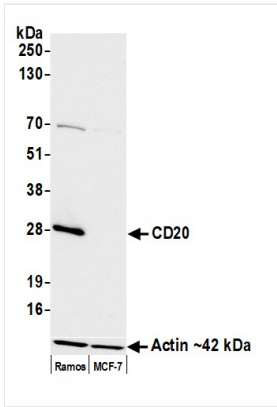
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23779	Mouse	Human	Western Blot, Immunohistochemistry, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay, Immunofluorescence

PRODUCT SYNONYMS

CD20; Monoclonal Antibody; Mouse anti-CD20 Monoclonal Antibody; Purified [L26]; Membrane-spanning 4-domains subfamily A member 1; S7; membrane-spanning 4-domains; subfamily A; member 1; leukocyte surface antigen Leu-16; LEU-16; CVID5; CD20 receptor; CD antigen CD20; Bp35; B-lymphocyte surface antigen B1; B1; B-lymphocyte cell-surface antigen B1; B-lymphocyte antigen CD20; CD20 antigen; MS4A2; membrane spanning 4-domains A1; anti-CD20 antibody

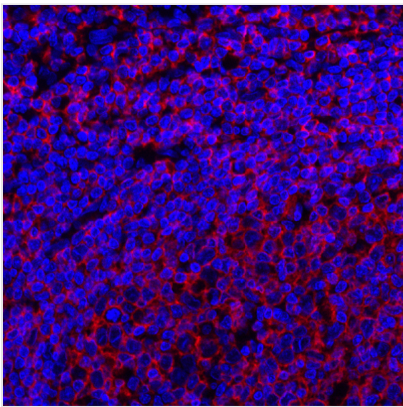
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	L26
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Phosphate Buffered Saline (PBS) with 0.1% BSA and 0.09% Sodium Azide
Concentration	300ug/ml (varies by lot)
Applicable Applications for anti-CD20 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), mIF (Multiplex Immunofluorescence)
Application Notes	WB: 1:1000 IHC: 1:100-1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IHC-IF: 1:100-1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. FC/FACS: Fixed in 4% formaldehyde and permeabilized with 90% methanol. 0.25 ul per 1 x 10 ⁶ cells. mIF: 1:250
Immunogen	Human tonsil B cells
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



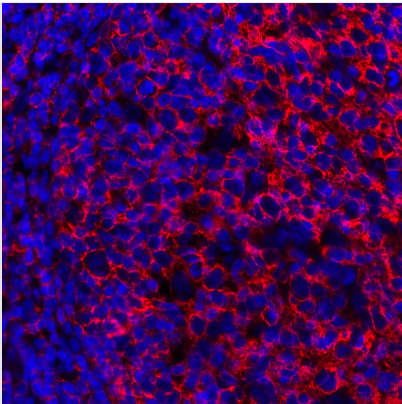
WB (Western Blot)

Detection of human CD20 by western blot. Samples: Whole cell lysate (25 ug) from Ramos and MCF-7 cells prepared using NETN lysis buffer. Antibody: Mouse anti-CD20 monoclonal antibody [L26] (AAA23779 lot 2) used at 1:1000. Secondary: HRP-conjugated goat anti-mouse IgG . Detection: Chemiluminescence with an exposure time of 3 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



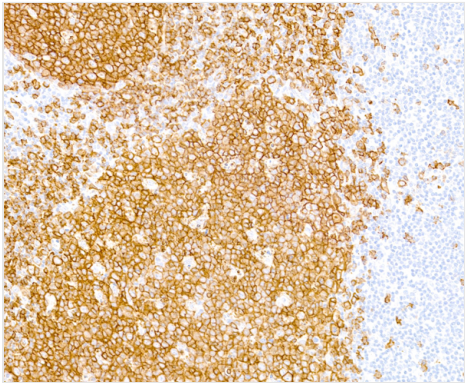
IHC (Immunohistochemistry)

Detection of human CD20 (red) by immunohistochemistry. Sample: FFPE section of human tonsil. Antibody: Mouse anti-CD20 monoclonal antibody [L26] (AAA23779 lot 1) used at 1:250. Secondary: HRP-conjugated goat anti-mouse IgG . Substrate: Opal. Counterstain: DAPI (blue).



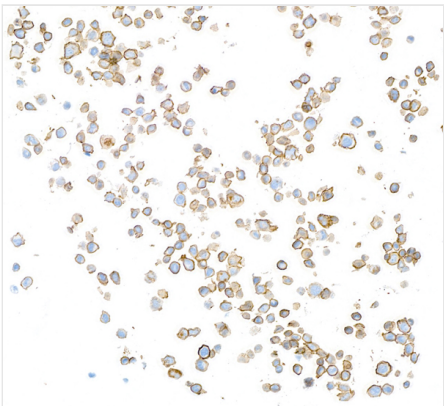
IHC (Immunohistochemistry)

Detection of human CD20 by immunohistochemistry. Sample: FFPE section of human tonsil. Antibody: Mouse monoclonal anti-CD20 antibody [L26] (AAA23779 lot 1) used at 1:250. Secondary: DyLight 594-conjugated goat anti-mouse IgG .



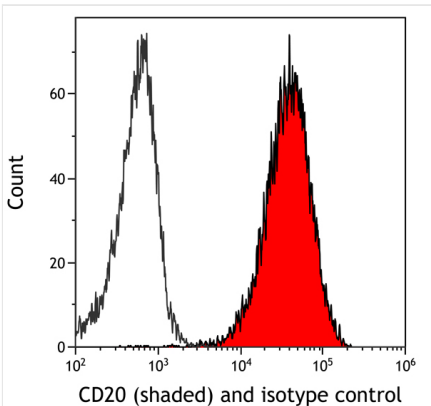
IHC (Immunohistochemistry)

Detection of human CD20 by immunohistochemistry. Sample: FFPE section of human tonsil. Antibody: Purified mouse monoclonal anti-CD20 (Clone L26) antibody (AAA23779 Lot2) used at a dilution of 1:500. Detection: DAB. Counterstain: IHC Hematoxylin (blue).



ICC (Immunocytochemistry)

Detection of human CD20 by immunocytochemistry. Sample: FFPE section of VLN3G2 cells. Antibody: Purified mouse monoclonal anti-CD20 (Clone L26) antibody (AAA23779 Lot2) used at a dilution of 1:500. Detection: DAB. Counterstain: IHC Hematoxylin (blue).



FCM (Flow Cytometry)

Detection of human CD20 (shaded) in Raji cells by flow cytometry. Antibody: Mouse anti-CD20 monoclonal antibody [L26] (AAA23779) or isotype control (unshaded). Secondary: DyLight 488-conjugated goat anti-mouse IgG .

ADDITIONAL INFORMATION

Related Product Information for anti-CD20 antibody	CD20 is a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. CD20 is a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells [taken from NCBI Entrez Gene (Gene ID: 931)].
Product Categories/Family for anti-CD20 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	23110987
NCBI GeneID	931
NCBI Accession #	NP_068769.2
NCBI GenBank Nucleotide #	NM_021950.3
UniProt Accession #	P11836; P08984; Q13963; A6NMS4; B4DT24
Molecular Weight	33077 MW
NCBI Official Full Name	B-lymphocyte antigen CD20
NCBI Official Synonym Full Names	membrane spanning 4-domains A1
NCBI Official Symbol	MS4A1
NCBI Official Synonym Symbols	B1; S7; Bp35; CD20; CVID5; MS4A2; LEU-16
NCBI Protein Information	B-lymphocyte antigen CD20
UniProt Protein Name	B-lymphocyte antigen CD20
UniProt Gene Name	MS4A1
UniProt Synonym Gene Names	CD20
UniProt Entry Name	CD20_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/cd20-antibody-clone-l26-western-blot-immunohistochemistry-immunohistochemistry-immunofluorescence-flow-cytometry-multiplex-immunofluorescence-elisa/23779>