

CD20 recombinant antibody

Anti-CD20 [1F5], Mouse IgG2a, kappa

CATALOG # AAA72506	HOST Mouse	REACTIVITY Human
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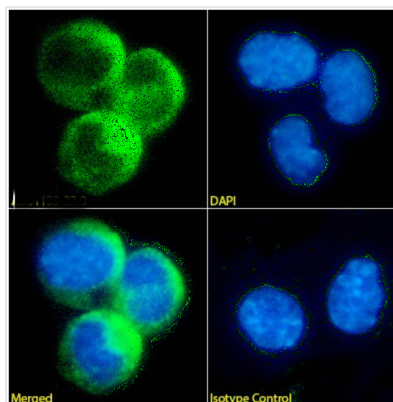
PRODUCT SYNONYMS

CD20; Monoclonal Recombinant Antibody; Anti-CD20 [1F5]; Mouse IgG2a; kappa; MS4A1; B-lymphocyte antigen CD20; B-lymphocyte surface antigen B1; Bp35; Leukocyte surface antigen Leu-16; Membrane-spanning 4-domains subfamily A member 1; E9PPL6; P19437; CD20 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2a kappa
Clone Number	1F5
Specificity	This antibody is specific for CD20, which is expressed by normal and malignant B cells.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of Daudi cells with anti-CD20 antibody 1F5 (AAA72506). Immunofluorescence analysis of paraformaldehyde fixed Daudi cells on Shifox coverslips stained with the chimeric rabbit IgG version of 1F5 (AAA72506) (1:100 dilution) for 1h followed by Alexa Fluor 488 secondary antibody (1:1000 dilution), showing membrane and cytoplasmic staining. The nuclear stain is DAPI. Top-left, AAA72506; Top-right, DAPI; Bottom-left, merged channels; Bottom-right, isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for CD20 recombinant antibody	This antibody was raised by hyperimmunising BALB/c mice with the Raji Burkett's lymphoma line and the NALM-6 pre B leukaemia line.
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References	Ledbetter et al. Surface phenotype and function of tonsillar germinal center and mantle zone B cell subsets Human Immunology, 1986, Vol.15(1), pp.30-43 N/A2419284 Note on publication: Describes the original generation of this antibody.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115968
NCBI GeneID	931
UniProt Accession #	P11836; P08984; Q13963; A6NMS4; B4DT24
Molecular Weight	297
NCBI Official Full Name	B-lymphocyte antigen CD20
NCBI Official Synonym Full Names	membrane-spanning 4-domains, subfamily A, member 1
NCBI Official Symbol	MS4A1
NCBI Official Synonym Symbols	B1; S7; Bp35; CD20; CVID5; MS4A2; LEU-16
NCBI Protein Information	B-lymphocyte antigen CD20; CD20 antigen; CD20 receptor; leukocyte surface antigen Leu-16; B-lymphocyte cell-surface antigen B1
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.