Humanized anti-Human Rituximab Monoclonal Antibody | anti-CD20 antibody

Rituximab Biosimilar - Research Grade

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197046	**Humanized**	**Human**	**Functional Assay**

PRODUCT SYNONYMS

Rituximab; Monoclonal Antibody; Rituximab Biosimilar - Research Grade; B-lymphocyte surface antigen B1; Bp35; Leukocyte surface antigen Leu-16; Membrane-spanning 4-domains subfamily A member 1; MS4A1; anti-CD20 antibody

PRODUCT SPECIFICATIONS

Host	Humanized
Reactivity	Human
Clonality	Monoclonal
Isotype	Human IgG1 Kappa
Specificity	Detects human CD20. This non-therapeutic antibody uses the same sequence as the therapeutic antibody Rituximab.
Purity/Purification	>95% by SDS-PAGE and HPLC This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.
Form/Format	Sterile, clear, colorless, preservative-free solution containing polysorbate 80, sodium chloride, sodium citrate. The pH is 6.5 BSA and Azide free
Concentration	1.0-5.0mg/ml (varies by lot)
Applicable Applications for anti-CD20 antibody	FA (Functional Assay)
Endotoxin	0.75 EU/mg as determined by the LAL method
Preparation and Storage	Stable for at least four week when stored sterile at 2-8 degree C. For long term storage aseptically aliquot in working volumes without diluting and store at -80 degree C. Avoid Repeated Freeze Thaw Cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-CD20 antibody	Rituximab is a genetically engineered chimeric murine/human monoclonal IgG1 kappa antibody directed against the CD20 antigen. Rituximab has an approximate molecular weight of 145 kD. Rituximab is produced by mammalian cell (Chinese Hamster Ovary).
Product Categories/Family for anti-CD20 antibody	Low endotoxin; biosimilar antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	115968
NCBI GeneID	931
UniProt Accession #	P11836; P08984; Q13963; A6NMS4; B4DT24
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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/rituximab-antibody-functional-assay-elisa/197046