

CD19 recombinant antibody

Anti-CD19 Reference Antibody (tafasitamab)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA296841	CHO Cell	Human, Cynomolgus, Rhesus Macaque	Functional Assay, Flow Cytometry, Functional Assay, ELISA

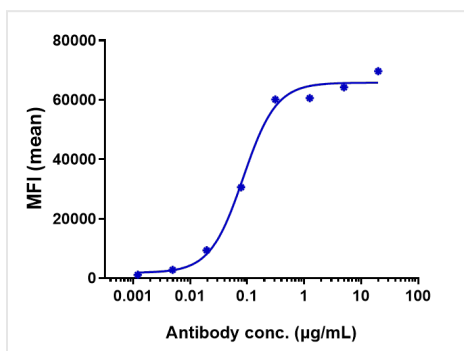
PRODUCT SYNONYMS

CD19; Monoclonal Recombinant Antibody; Anti-CD19 Reference Antibody (tafasitamab); CD19 recombinant antibody

PRODUCT SPECIFICATIONS

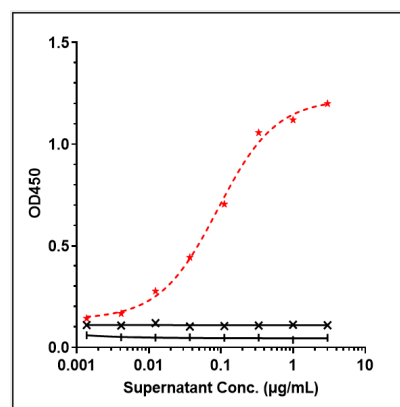
Host	CHO Cell
Reactivity	Human, Cynomolgus, Rhesus Macaque
Clonality	Monoclonal
Isotype	IgG1
Specificity	CD19
Form/Format	Purified monoclonal antibody supplied in 100mM Pro-Ac, 20mM Arg, pH5.0, without preservative. This antibody is purified through a protein A column.
Concentration	1mg/ml (varies by lot)
Applicable Applications for CD19 recombinant antibody	FA (Functional Assay), FCM/FACS (Flow Cytometry), ELISA
Endotoxin	< 0.001EU/ug, determined by LAL method.
Conjugation	Unconjugated
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -80 degree C for 2 years under sterile conditions; -20 degree C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.

IMAGES



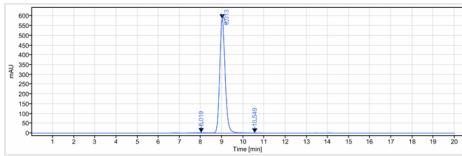
FCM/FACS (Flow Cytometry)

Human CD19 HEK293 cells were stained with Anti-CD19 Reference Antibody (tafasitamab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC190=0.085 ug/mL



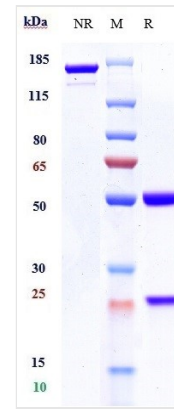
Application Data

Immobilized human CD19 (20 291) Protein, His Tag at 2 ug/mL can bind Anti-CD19 Reference Antibody (tafasitamab), EC50=0.0904ug/mL



Application Data

The purity of Anti-CD19 Reference Antibody (tafasitamab) is more than 98.59%, determined by SEC-HPLC.



SDS-PAGE

Anti-CD19 Reference Antibody (tafasitamab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for CD19 recombinant antibody

Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	296010921
NCBI GeneID	930
NCBI Accession #	NP_001171569.1
NCBI GenBank Nucleotide #	NM_001178098.1
UniProt Accession #	P15391; Q96S68; Q9BRD6; A0N0P9
Molecular Weight	61,128 Da
NCBI Official Full Name	B-lymphocyte antigen CD19 isoform 1
NCBI Official Synonym Full Names	CD19 molecule
NCBI Official Symbol	CD19
NCBI Official Synonym Symbols	B4; CVID3
NCBI Protein Information	B-lymphocyte antigen CD19; differentiation antigen CD19; T-cell surface antigen Leu-12; B-lymphocyte surface antigen B4
UniProt Protein Name	B-lymphocyte antigen CD19
UniProt Gene Name	CD19
UniProt Entry Name	CD19_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/cd19-recombinant-antibody-functional-assay-flow-cytometry-elisa/296841>