

Complement C5 Recombinant Antibody | C5 recombinant antibody

Anti-Complement C5 Reference Antibody (ravulizumab)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA296789	CHO Cell	Human, Mouse, Cynomolgus	Flow Cytometry, Functional Assay, ELISA

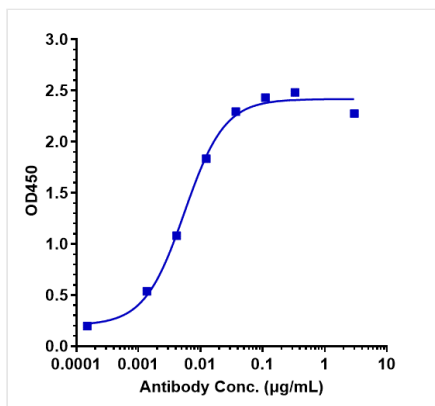
PRODUCT SYNONYMS

Complement C5; Monoclonal Recombinant Antibody; Anti-Complement C5 Reference Antibody (ravulizumab); C5 recombinant antibody

PRODUCT SPECIFICATIONS

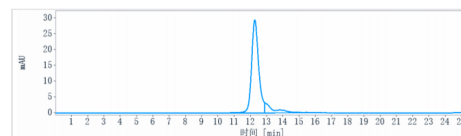
Host	CHO Cell
Reactivity	Human, Mouse, Cynomolgus
Clonality	Monoclonal
Isotype	IgG2SA
Specificity	Complement C5
Purity/Purification	This antibody is purified through a protein A column.
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.
Applicable Applications for C5 recombinant antibody	FCM/FACS (Flow Cytometry), ELISA
Endotoxin	< 0.001EU/ug, determined by LAL method.
Function	Activation of C5 by a C5 convertase initiates the spontaneous assembly of the late complement components, C5-C9, into the membrane attack complex. C5b has a transient binding site for C6. The C5b-C6 complex is the foundation upon which the lytic complex is assembled.
Cellular Location	Secreted.
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 -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



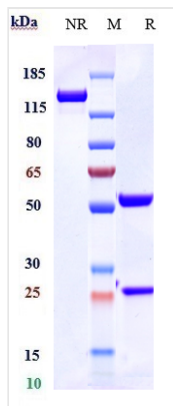
Application Data

Immobilized human C5 His at 2 ug/mL can bind Anti-Complement C5 Reference Antibody (ravulizumab), EC50=0.00552ug/mL



Application Data

The purity of Anti-Complement C5 Reference Antibody (ravulizumab) is more than 98.96%, determined by SEC-HPLC.



SDS-PAGE

Anti-Complement C5 Reference Antibody (ravulizumab) 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 C5 recombinant antibody	Primary Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119607886
NCBI GeneID	727
UniProt Accession #	P01031; Q14CJ0; Q27I61
Molecular Weight	145.8 KDa
NCBI Official Full Name	complement component 5
NCBI Official Synonym Full Names	complement component 5
NCBI Official Symbol	C5
NCBI Official Synonym Symbols	C5a; C5b; CPAMD4
NCBI Protein Information	complement C5; prepro-C5; C5a anaphylatoxin; anaphylatoxin C5a analog; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 4
UniProt Protein Name	Complement C5
UniProt Gene Name	C5
UniProt Synonym Gene Names	CPAMD4
UniProt Entry Name	CO5_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/complement-c5-recombinant-antibody-flow-cytometry-elisa/296789>