

anti-Human Eculizumab Monoclonal Antibody | anti-C5 antibody

Research Grade Eculizumab

CATALOG # AAA119966	REACTIVITY Human
-------------------------------	----------------------------

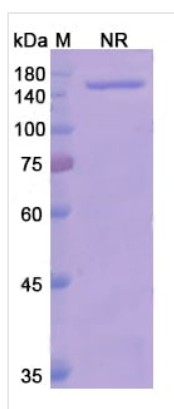
PRODUCT SYNONYMS

Eculizumab; Monoclonal Antibody; Research Grade Eculizumab; 5G1.1; h5G1.1HuG2/G4; CPAMD4; C5; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 4; Complement C5; anti-C5 antibody

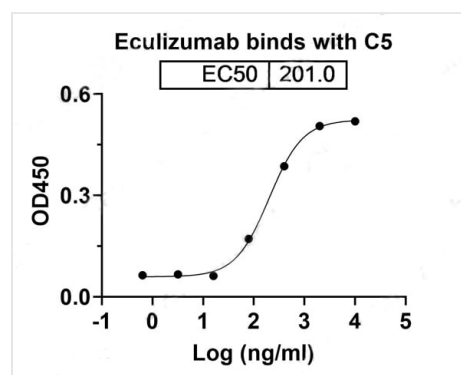
PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2-G4-kappa
Purity/Purification	>95%; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid. PBS buffer, pH7.4
Concentration	1mg/ml (varies by lot)
Host Species	Humanized
CAS	219685-50-4
Preparation and Storage	Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE
SDS PAGE for Eculizumab



Bioactivity
Detects Human C5 in direct ELISAs.

ADDITIONAL INFORMATION

Product Categories/Family for anti-C5 antibody	Research Biosimilar
--	---------------------

References	Eculizumab: A Review in Generalized Myasthenia Gravis, PMID: 29435915 Eculizumab: A Review in Neuromyelitis Optica Spectrum Disorder, PMID: 32266705 Eculizumab and Beyond: The Past, Present, and Future of Complement Therapeutics, PMID: 31703946 When to Stop Eculizumab in Complement-Mediated Thrombotic Microangiopathies, PMID: 30110670 Eculizumab in secondary atypical haemolytic uraemic syndrome, PMID: 28339660
------------	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	119607886
NCBI GeneID	727
UniProt Accession #	P01031; Q14CJ0; Q27I61
Molecular Weight	188,305 Da
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.