

Anti-Complement C5 Reference Antibody (Pexelizumab)

Catalog # APR11472

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P01031
Reactivity	Human
Clonality	Monoclonal
Isotype	ScFv-C-6His
Calculated MW	188305

Additional Information

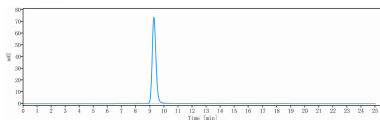
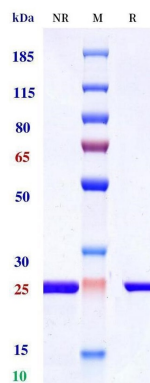
Target/Specificity	Complement C5
Expression system	CHO

Protein Information

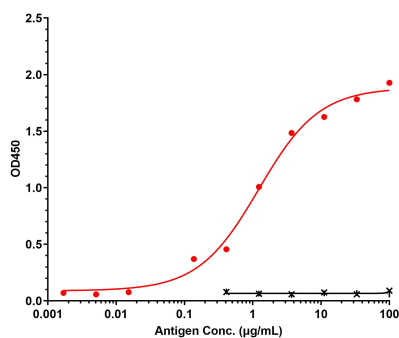
Name	C5 {ECO:0000303 PubMed:1984448, ECO:0000312 HGNC:HGNC:1331}
Function	Precursor of the C5a anaphylatoxin and complement C5b components of the complement pathways, which consist in a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system (PubMed: 12878586 , PubMed: 18204047 , PubMed: 30643019 , PubMed: 6554279). Activated downstream of classical, alternative, lectin and GZMK complement pathways (PubMed: 12878586 , PubMed: 18204047 , PubMed: 30643019 , PubMed: 39914456 , PubMed: 39814882 , PubMed: 6554279).
Cellular Location	Secreted. [C5a anaphylatoxin]: Secreted

Images

Anti-Complement C5 Reference Antibody (Pexelizumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-Complement C5 Reference Antibody (Pexelizumab) is 99.7%, determined by SEC-HPLC.



Immobilized Human Complement C5 Protein, It's target at 3 µg/mL can bind Pexelizumab(ScFv-noTag), EC50= 1.235 µg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.