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Anti-Complement C2 Reference Antibody (Empasiprubart)

Catalog # APR11226

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P06681
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-LALA-HK-NF-noK
Calculated MW	83268

Additional Information

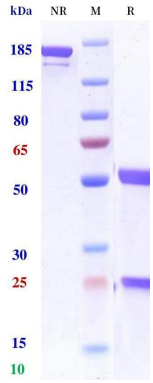
Target/Specificity	Complement C2
Expression system	CHO

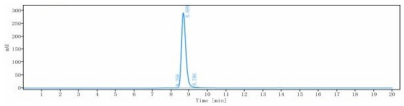
Protein Information

Name	C2 {ECO:0000303|PubMed:2949737, ECO:0000312|HGNC:HGNC:1248}
Function	Precursor of the catalytic component of the C3 and C5 convertase complexes, which are part of the complement pathway, a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system (PubMed:12878586, PubMed:17027507, PubMed:18204047, PubMed:39914456, PubMed:39814882). Component C2 is part of the classical, lectin and GZMK complement systems (PubMed:12878586, PubMed:17027507, PubMed:18204047, PubMed:22691502, PubMed:39914456).
Cellular Location	Secreted. Cell surface. Note=Recruited to the surface of pathogens by complement C3b and complement C4b opsonins

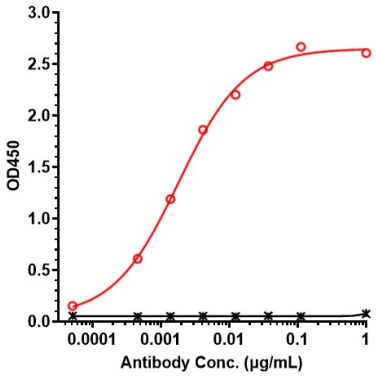
Images

Anti-Complement C2 Reference Antibody (Empasiprubart) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.





The purity of Anti-Complement C2 Reference Antibody (Empasiprubart) is 97.93%, determined by SEC-HPLC.



Immobilized Human Complement Component C2 Protein at 2 μg/mL can bind Empasiprubart, EC50= 0.001800 μg/mL.

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