

Anti-MASP2 Reference Antibody (narsoplimab)

Recombinant Antibody
Catalog # APR10196

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	O00187
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG4
Calculated MW	75702

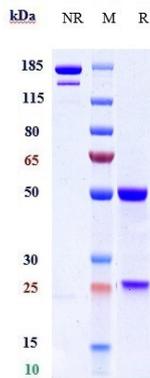
Additional Information

Target/Specificity	MASP2
Endotoxin Conjugation	Unconjugated
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

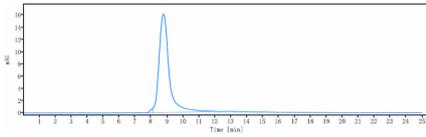
Protein Information

Name	MASP2 {ECO:0000303 PubMed:9087411, ECO:0000312 HGNC:HGNC:6902}
Function	Precursor of a serum protease that activates the lectin pathway of the complement system, a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system (PubMed: 11527969 , PubMed: 22691502). The lectin complement system is activated following association of lectins, such as MBL2, FCN1, FCN2 or FCN3, to carbohydrates on the pathogen surface (PubMed: 22691502 , PubMed: 22966085). MASP2 is cleaved and activated by MASP1 in response to lectin-binding to pathogen carbohydrates (PubMed: 10946292 , PubMed: 22949645 , PubMed: 22966085 , PubMed: 9087411). Can activate prothrombin to thrombin (PubMed: 39924859).
Cellular Location	Secreted.
Tissue Location	Plasma..

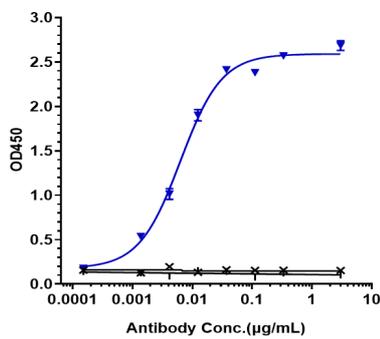
Images



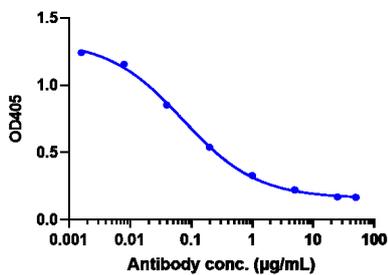
Anti-MASP2 Reference Antibody (narsoplimab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-MASP2 Reference Antibody (narsoplimab) is more than 98.94% ,determined by SEC-HPLC.



Immobilized human MASP 2A His at 2 µg/mL can bind Anti-MASP2 Reference Antibody (narsoplimab), EC50=0.006278 µg/mL



C5b-C9 of the MBL pathway can be completely inhibited by Anti-MASP2 Reference Antibody (narsoplimab) with an IC50 of 0.7337 µg/mL.

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