10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-MASP2 Reference Antibody (narsoplimab)

Recombinant Antibody
Catalog # APR10196

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	O00187
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4SP
Calculated MW	75702

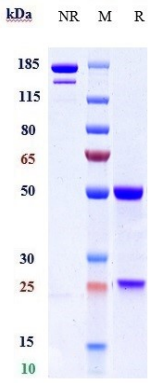
Additional Information

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

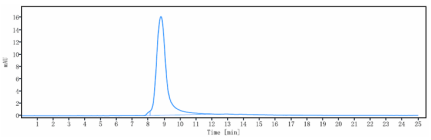
Protein Information

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..

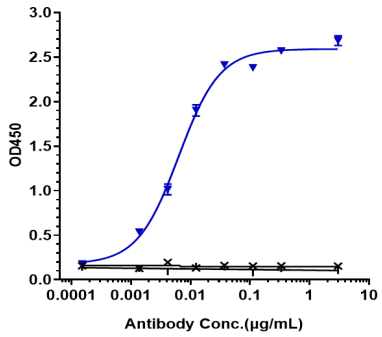
Images



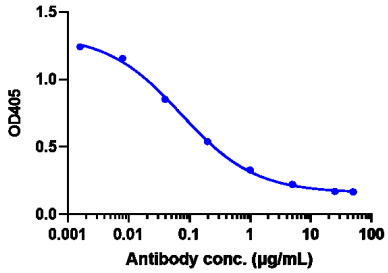
Anti-MASP2 Reference Antibody (narsoplimab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



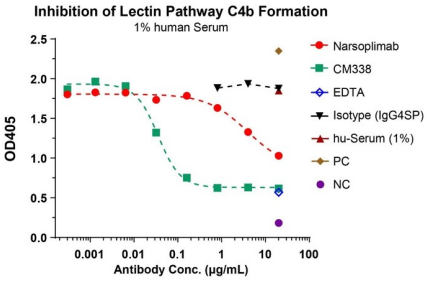
The purity of Anti-MASP2 Reference Antibody (narsoplimab) is 98.94%, determined by SEC-HPLC.



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



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



Narsoplimab block C4b production,IC50=0.91 ug/mL.

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