



CERTIFICATE OF ANALYSIS

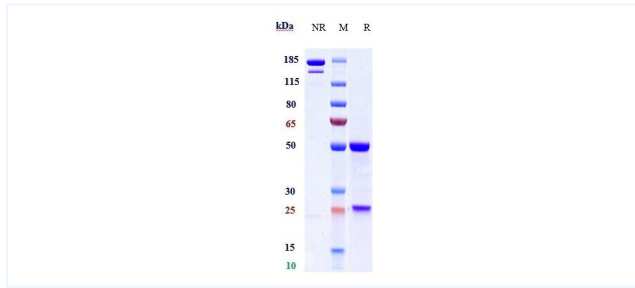


Product Details

Product name:	Anti-MASP2 Reference Antibody (narsoplimab)	Lot.No.:	P94242
Target:	MASP2	Catalog:	CHA296
Target Accession:	O00187	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG4SP
Reactivity:	Human	Molecular Weight (kDa) :	143.1 kDa
Application:	Kinetics (SPR), ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<1 EU/mg
Formulation:	Liquid: 100mM Pro-Ac, 20mM Arg pH 5.0 Lyophilization: 25mM histidine, 8% sucrose, 0.01% Tween80 pH6.2	Conjugation:	Unconjugated
Reconstitution:	For Powder, reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.	Expression System:	CHO
Storage:	-80°C for 2 years under sterile conditions; -20°C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.	Purification:	Protein A

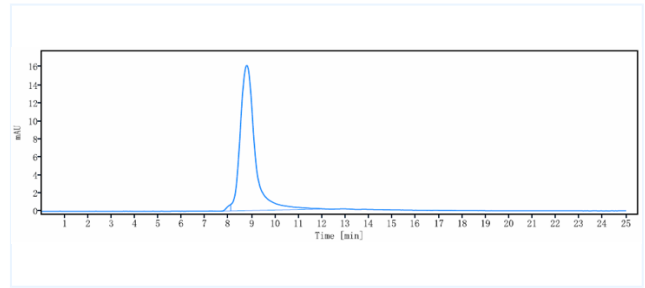
Data

Purity: SDS-PAGE



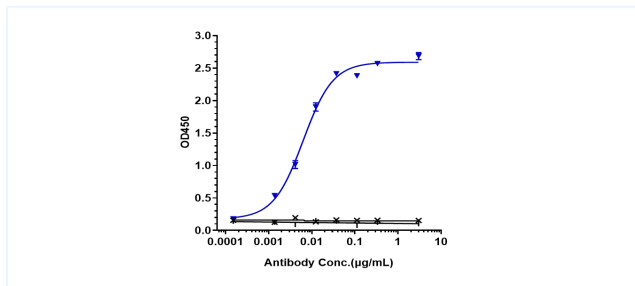
Anti-MASP2 Reference Antibody (narsoplimab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



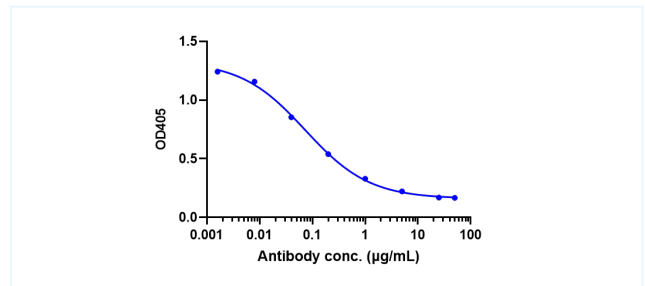
The purity of Anti-MASP2 Reference Antibody (narsoplimab) is 98.94%, determined by SEC-HPLC.

Bioactivity: ELISA



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

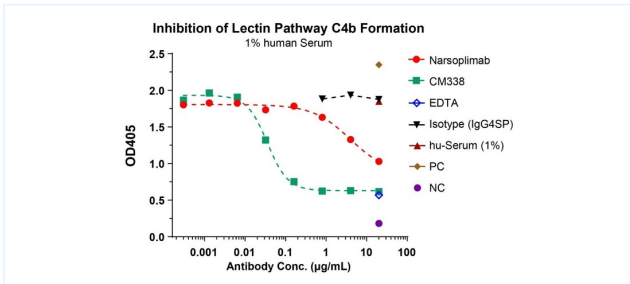
Function: Pathway



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

The products are for research use only. Not for use in diagnostic procedures.

Function: Pathway



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

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