

Anti-Sema3A Reference Antibody (Boehringer patent anti-Sema3A)

Catalog # APR11327

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q14563
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-LALA-REM-noK
Calculated MW	88889

Additional Information

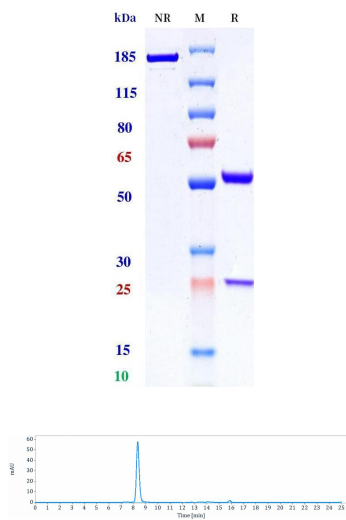
Target/Specificity	Sema3A
Expression system	CHO

Protein Information

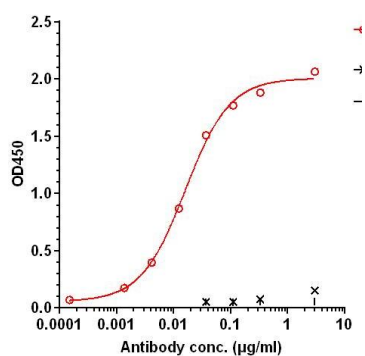
Name	SEMA3A
Synonyms	SEMA3
Function	Involved in the development of the olfactory system and in neuronal control of puberty. Induces the collapse and paralysis of neuronal growth cones. Could serve as a ligand that guides specific growth cones by a motility-inhibiting mechanism. Binds to the complex neuropilin-1/plexin-1.
Cellular Location	Secreted.
Tissue Location	Expressed in the dorsal root ganglia.

Images

Anti-Sema3A Reference Antibody (Boehringer patent anti-Sema3A) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-Sema3A Reference Antibody (Boehringer patent anti-Sema3A) is 96.68%, determined by SEC-HPLC.



Immobilized N-Fc(IgG1)-huSema3A at 2 µg/mL can bind Boehringer patent anti-Sema3A, EC₅₀= 0.01609 µg/mL.

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