

Anti-SEMA3A Reference Antibody (Bayer patent anti-SEMA3A)

Catalog # APR11312

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q14563
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4SP-Opti
Calculated MW	88889

Additional Information

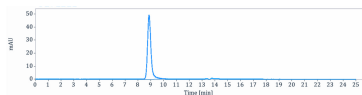
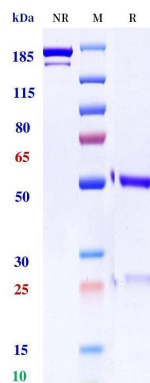
Target/Specificity	SEMA3A
Expression system	CHO

Protein Information

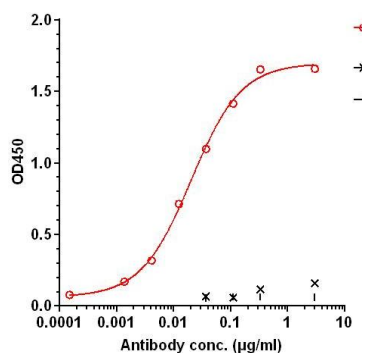
Name	SEMA3A
Synonyms	SEMA3
Function	Involved in the development of the olfactory system and in neuronal control of puberty. Induces the collapse and paralysis of neuronal growth cones. Could serve as a ligand that guides specific growth cones by a motility-inhibiting mechanism. Binds to the complex neuropilin-1/plexin-1.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

Images

Anti-SEMA3A Reference Antibody (Bayer 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 (Bayer patent anti-SEMA3A) is 98.85%, determined by SEC-HPLC.



Immobilized N-Fc(IgG1)-huSema3A at 2 µg/mL can bind Bayer patent anti-SEMA3A, EC50= 0.02036 µg/mL.

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