

SEMA4D recombinant antibody

SEMA4D Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279020	HEK293F Cell	Human, Mouse	Flow Cytometry, Functional Assay, ELISA

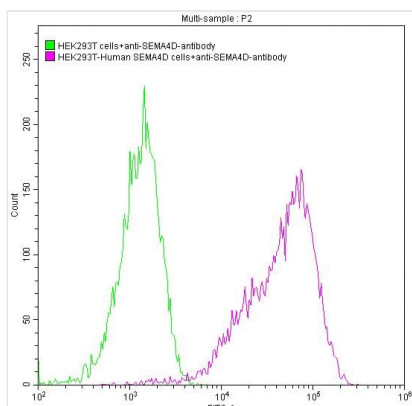
PRODUCT SYNONYMS

SEMA4D; Monoclonal Recombinant Antibody; SEMA4D Recombinant Monoclonal Antibody; Semaphorin-4D (A8)(BB18)(GR3)(CD antigen CD100); C9orf164 CD100 SEMAJ; SEMA4D recombinant antibody

PRODUCT SPECIFICATIONS

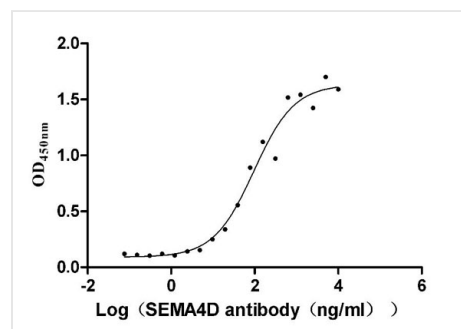
Host	HEK293F Cell
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	hIgG4(S228P)
Clone Number	5D12
Purity/Purification	Affinity purified
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for SEMA4D recombinant antibody	FCM/FACS (Flow Cytometry), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human SEMA4D protein
Conjugation	Non-conjugated
Research Area	Immunology
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



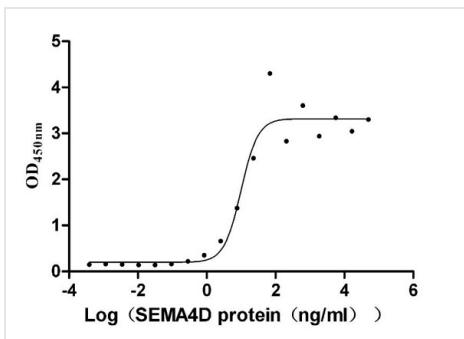
FCM/FACS (Flow Cytometry)

Untransfected HEK293T cells (green line) and transfected Human SEMA4D HEK293T stable cells (red line) were stained with anti-SEMA4D antibody (2ug/1*10⁶cells), washed and then followed by FITC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.



ELISA

The Binding Activity of Human SEMA4D with Anti-SEMA4D recombinant antibodyActivity: Measured by its binding ability in a functional ELISA. Immobilized Human SEMA4D at 2 ug/mL can bind Anti- SEMA4D recombinant antibody, the EC50 is 60.38-152.6 ng/mL.



ELISA

The Binding Activity of Mouse Sema4d with Anti-SEMA4D recombinant antibodyActivity:
Measured by its binding ability in a functional ELISA. Immobilized Anti-SEMA4D recombinant antibody at 2 ug/mL can bind Mouse Sema4d , the EC50 is 5.829-16.86 ng/mL.

NCBI AND UNIPROT INFORMATION

NCBI GI #	214010218
NCBI GeneID	10507
NCBI Accession #	NP_006369.3
NCBI GenBank Nucleotide #	NM_006378.3
UniProt Accession #	Q92854; Q7Z5S4; Q8N8B0; B2RPM6
Molecular Weight	96,150 Da
NCBI Official Full Name	semaphorin-4D isoform 1
NCBI Official Synonym Full Names	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D
NCBI Official Symbol	SEMA4D
NCBI Official Synonym Symbols	CD100; SEMAJ; coll-4; C9orf164; M-sema-G
NCBI Protein Information	semaphorin-4D; A8; GR3; BB18; sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, 4D
UniProt Protein Name	Semaphorin-4D
UniProt Gene Name	SEMA4D
UniProt Synonym Gene Names	C9orf164; CD100; SEMAJ
UniProt Entry Name	SEM4D_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/sema4d-recombinant-antibody-clone-5d12-flow-cytometry-elisa/279020>