

Mouse anti-Human CD100/SEMA4D Monoclonal Antibody | anti-CD100/SEMA4D antibody

Anti-Human CD100/SEMA4D Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA120285	Mouse	Human	Neutralization Assay, Functional Assay, Flow Cytometry, Functional Assay

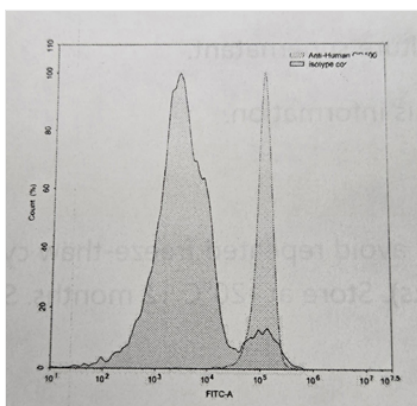
PRODUCT SYNONYMS

CD100/SEMA4D; Monoclonal Antibody; Anti-Human CD100/SEMA4D Antibody; A8; Semaphorin-4D; GR3; BB18; SEMAJ; C9orf164; CD100; SEMA4D; anti-CD100/SEMA4D antibody

PRODUCT SPECIFICATIONS

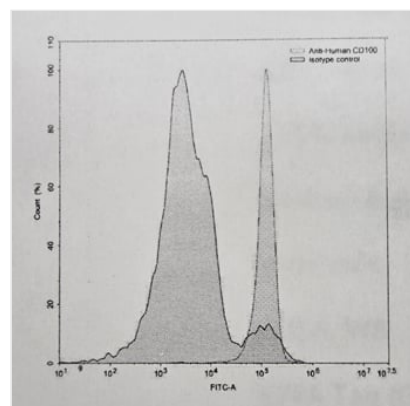
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	SAA0331
Purity/Purification	Protein A/G purified from cell culture supernatant.
Form/Format	Liquid; 0.01M PBS, pH 7.4, 0.09% Sodium azide.
Concentration	2.68 mg/mL (varies by lot)
Applicable Applications for anti-CD100/SEMA4D antibody	NTRL (Neutralization Assay), FA (Functional Assay), FCM/FACS (Flow Cytometry)
Conjugation	Unconjugated
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term.

IMAGES



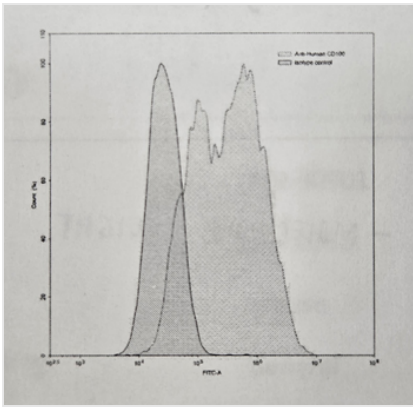
FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-human CD100 antibody. Human peripheral blood lymphocytes were stained with an irrelevant antibody or an anti-human CD100 antibody monoclonal antibody AAA120285 at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-mouse antibody (Please inquire) and cells analysed on a NovoCyte Flow Cytometer.



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-human CD100 antibody. Jurkat cells were stained with an irrelevant antibody or an anti-human CD100 antibody monoclonal antibody AAA120285 at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected using FITC conjugated goat anti-mouse antibody (Please inquire) and cells analysed on a NovoCyte Flow Cytometer.



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-human CD100 antibody. DC100 Transfected CHO cells were stained with an irrelevant antibody or an anti-human CD100 antibody monoclonal antibody AAA120285 at a concentration of 5µg/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-mouse antibody (Please inquire) and cells analysed on a NovoCyt Flow Cytometer.

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
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.

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 Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd100-sema4d-antibody-clone-saa0331-neutralization-assay-functional-assay-flow-cytometry-elisa/120285>