

Product Datasheet

Semaphorin 4D/CD100 Antibody (133-1C6) [Janelia Fluor® 646] NBP2-47795JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-47795JF646

Semaphorin 4D/CD100 Antibody (133-1C6) [Janelia Fluor® 646]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	133-1C6
Preservative	0.05% Sodium Azide
Isotype	IgM Kappa
Conjugate	Janelia Fluor 646
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	10507
Gene Symbol	SEMA4D
Species	Human, Baboon, Equine (Negative)
Reactivity Notes	Does not react with Equine.
Specificity/Sensitivity	Recognizes a homodimeric protein comprised of 50kDa subunits, identified as CD100 (Workshop VI; Code N-L026). It is expressed on majority of haemopoietic cells (B, T, NK and myeloid cells) and is absent from bone marrow, erythrocytes, eosinophils and endothelial cells. Its expression is increased after PHA-activation. CD100 was shown to associate with different partner molecules in T cells such as CD45, a key molecule with protein tyrosine phosphatase activity involved in T-cell transduction, and a Serine kinase. It plays a role in homotypic cell adhesion and in T cell activation.
Immunogen	PHA stimulated human peripheral blood lymphocytes. (Uniprot: Q92854)
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus
Product Application Details	
Applications	Flow Cytometry, Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.
Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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