

Product Datasheet

Semaphorin 4D/CD100 Antibody (133-1C6) [PE/Atto594] NBP2-47795PEATT594

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NBP2-47795PEATT594

Semaphorin 4D/CD100 Antibody (133-1C6) [PE/Atto594]

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. Do not freeze.
Clonality	Monoclonal
Clone	133-1C6
Preservative	0.05% Sodium Azide
Isotype	IgM Kappa
Conjugate	PE/Atto594
Purity	Protein A or G purified
Buffer	PBS
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)
Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry
Application Notes	Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at technical@novusbio.com if you have any questions.





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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.

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