

Product Datasheet

Semaphorin 4D/CD100 Antibody (133-1C6) [DyLight 594] NBP2-47795DL594

Unit Size: 0.1 ml

Store at 4C in the dark.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-47795DL594

Updated 9/10/2023 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-47795DL594



NBP2-47795DL594

Semaphorin 4D/CD100 Antibody (133-1C6) [DyLight 594]

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	DyLight 594
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	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Product Application Details

Applications	Flow Cytometry, Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-47795DL594

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications