

# Product Datasheet

## Semaphorin 4D/CD100 Antibody (A8) - Azide and BSA Free NBP2-36736

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-36736**

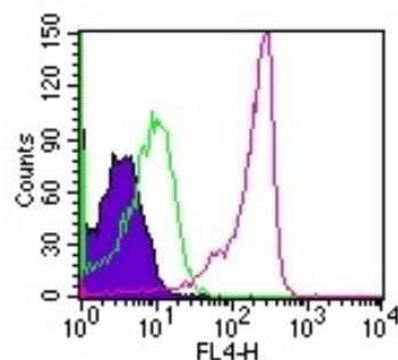
Semaphorin 4D/CD100 Antibody (A8) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	A8
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	10507
Gene Symbol	SEMA4D
Species	Human
Immunogen	PHA-activated human lymphocytes were used as the immunogen for the CD100 antibody.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Cell Surface), CyTOF-ready
Recommended Dilutions	Western Blot 1:10-1:500, Flow Cytometry 1:10-1:1000, Flow (Cell Surface), CyTOF-ready

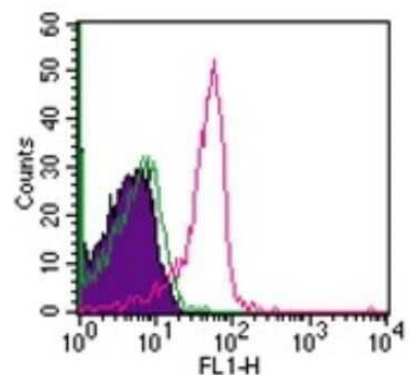


## Images

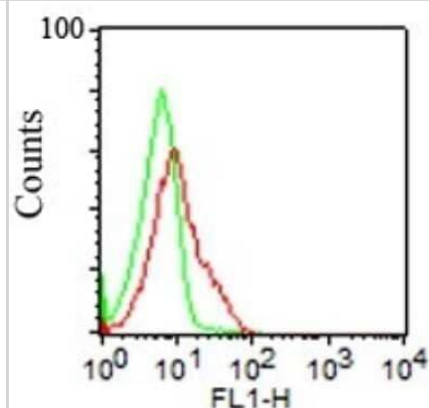
Flow Cytometry: Semaphorin 4D/CD100 Antibody (A8) - Azide and BSA Free [NBP2-36736] - Analysis using the Alexa Fluor (R) 647 conjugate of NBP2-25198. Surface Staining of CD100 in  $10^6$  human lymphocytes using 10  $\mu$ l (0.25  $\mu$ g) of CD100 antibody. Shaded histogram represents cells without antibody; green represents isotype control ; red represents CD100 antibody. surface staining flow kit was used for this test (cells were not fixed for testing).



Flow (Cell Surface): Semaphorin 4D/CD100 Antibody (A8) - Azide and BSA Free [NBP2-36736] - Analysis using the Alexa Fluor (R) 488 conjugate of NBP2-25198. Staining of CD100 in  $10^6$  human lymphocytes using 10  $\mu$ l (0.25  $\mu$ g) of this antibody. Shaded histogram represents cells without antibody; green represents isotype control ; red represents antibody.



Flow Cytometry: Semaphorin 4D/CD100 Antibody (A8) - Azide and BSA Free [NBP2-36736] - Cell surface analysis of CD100 in  $10^6$  human lymphocytes using 0.25  $\mu$ g of NBP2-25198. Shaded histogram represents cells without antibody; green represents isotype control ; red represents anti-CD100 antibody. Goat anti-mouse IgG PE conjugated secondary was used in this test.





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### **Products Related to NBP2-36736**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-86705PEP	Semaphorin 4D/CD100 Recombinant Protein Antigen

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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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