

# Product Datasheet

## Plexin D1 Antibody - BSA Free NBP1-33634

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Updated 2/21/2025 v.20.1

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**NBP1-33634**

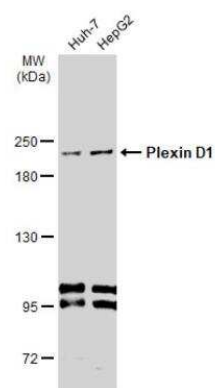
Plexin D1 Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 20% Glycerol
<b>Target Molecular Weight</b>	212 kDa
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	23129
<b>Gene Symbol</b>	PLXND1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 31163177).
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Plexin D1. The exact sequence is proprietary.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Frozen Validated from a verified customer review

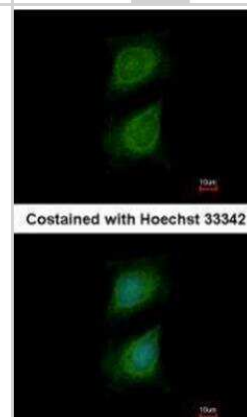


## Images

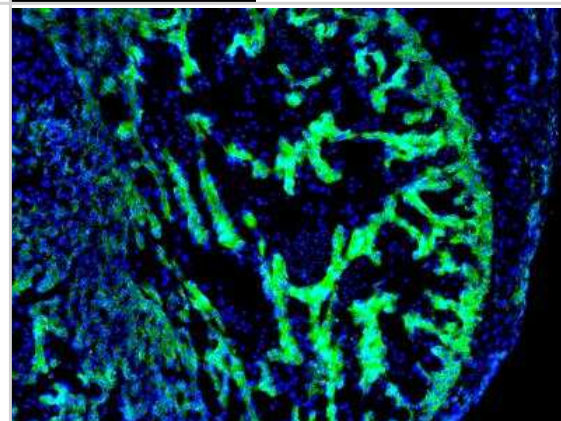
Western Blot: Plexin D1 Antibody [NBP1-33634] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with Plexin D1 antibody [C3], C-term diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Immunocytochemistry/Immunofluorescence: Plexin D1 Antibody [NBP1-33634] - Analysis of methanol-fixed HeLa, using Plexin D1 antibody at 1:500 dilution.



Immunohistochemistry-Frozen: Plexin D1 Antibody [NBP1-33634] - PlexinD1 on an E12.5 mouse Left Ventricle. Antibody at 1:100. Alexa Fluor 488 secondary antibody at 1:1000. IHC-Fr image submitted by a verified customer review.



## Publications

Zhang S, Zhang Y, Zhang P et al. Plexin D1 mediates disturbed flow-induced M1 macrophage polarization in atherosclerosis *Heliyon* 2023-06-01 [PMID: 37389065] (IHC-P, WB, Mouse, Human)

Jurcak N, Rucki A, Muth S et al. Axon Guidance Molecules Promote Perineural Invasion and Metastasis of Orthotopic Pancreatic Tumors in Mice *Gastroenterology* 2019-06-01 [PMID: 31163177] (WB, Mouse)



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### **Products Related to NBP1-33634**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
DVE00	VEGF [HRP]

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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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