

# Product Datasheet

## Plexin A1 Antibody (JU50-37) NBP2-75623

Unit Size: 100 ul

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

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**NBP2-75623**

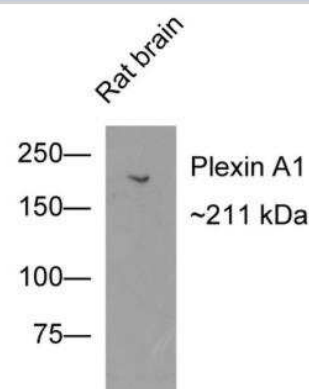
Plexin A1 Antibody (JU50-37)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JU50-37
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	211 kDa
Product Description	
Host	Rabbit
Gene Symbol	PLXNA1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human Plexin A1 aa 100-200 / 1,896. (SwissProt: Q9UIW2 Human; SwissProt: P70206 Mouse)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:50-1:100, Immunocytochemistry/ Immunofluorescence 1:50-1:200

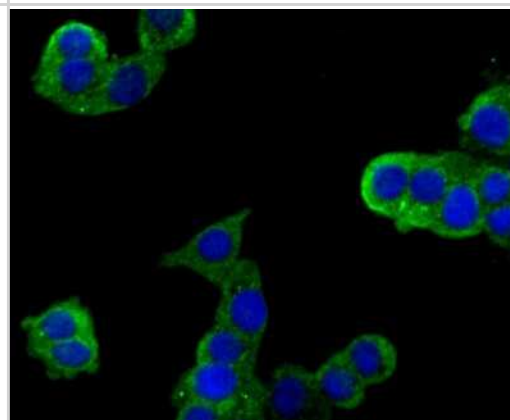


## Images

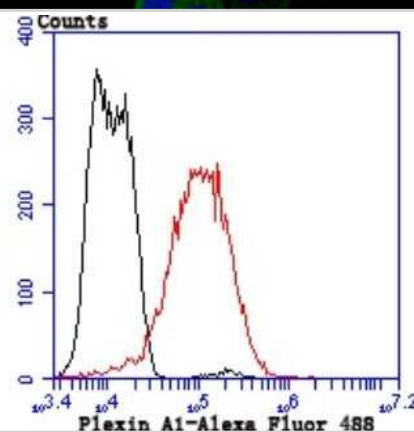
**Western Blot: Plexin A1 Antibody (JU50-37) [NBP2-75623]** - Analysis of Plexin A1 on rat brain tissue lysates with Rabbit anti-Plexin A1 antibody at 1/500 dilution. Lysates/proteins at 20 ug/Lane. Predicted band size: 211 kDa Observed band size: 211 kDa Exposure time: 2 minutes; 6% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature.



**Immunocytochemistry/Immunofluorescence: Plexin A1 Antibody (JU50-37) [NBP2-75623]** - Staining Plexin A1 in LOVO cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



**Flow Cytometry: Plexin A1 Antibody (JU50-37) [NBP2-75623]** - Analysis of LOVO cells with Plexin A1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.





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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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