

# Product Datasheet

## visinin-like 1 Antibody (2D11) - BSA Free NBP2-25166

Unit Size: 0.1 ml

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

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**NBP2-25166**

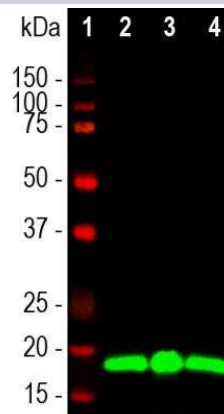
visinin-like 1 Antibody (2D11) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2D11
Preservative	5mM Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	22 kDa
Product Description	
Description	Novus Biologicals Mouse visinin-like 1 Antibody (2D11) - BSA Free (NBP2-25166) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7447
Gene Symbol	VSNL1
Species	Human, Mouse, Rat
Immunogen	Full length human visinin-like 1 [UniProt# P62760]
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry Free-Floating
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 1:500-1:1000, Immunohistochemistry Free-Floating
Application Notes	This visinin-like 1 (2D11) antibody is useful for Immunocytochemistry/Immunofluorescence, Immunohistochemistry, and Western Blot, where a band can be seen at ~22 kDa.

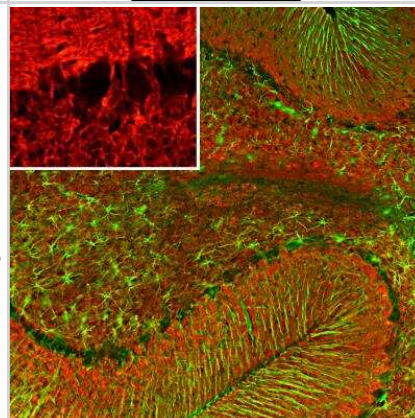


## Images

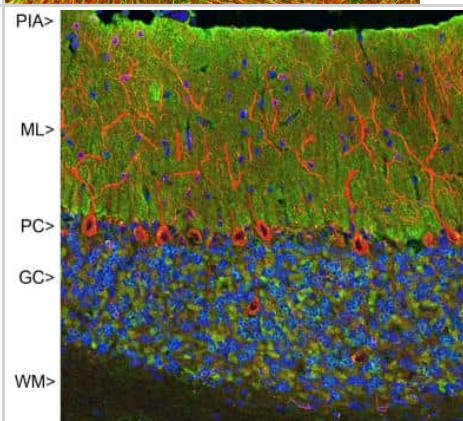
**Western Blot: visinin-like 1 Antibody (2D11) [NBP2-25166]** - Western blot analysis of different tissue lysates using mouse mAb to Visinin-like Protein 1 (VLP1), NBP2-25166, dilution 1:1,000 in green: [1] protein standard (red), [2] rat brain [3] rat cerebellum, and [4] mouse brain. The band at around 20kDa mark corresponds to VLP1 protein.



**Immunohistochemistry Free-Floating: visinin-like 1 Antibody (2D11) [NBP2-25166]** - Immunofluorescent analysis of rat cerebellum section stained with mouse mAb to VLP1, NBP2-25166, dilution 1:500, in red and costained with rabbit pAb to GFAP, dilution 1:5,000 in green. The blue is DAPI staining of nuclear DNA. Following transcardial perfusion of rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45uM, and free-floating sections were stained with the above antibodies. The VLP1 antibody reveals protein expressed in granule cell membranes and in synapses in the white matter and molecular layers of the cerebellum. The GFAP antibody stains the processes of Bergmann glia and astroglia.



**Immunohistochemistry: visinin-like 1 Antibody (2D11) [NBP2-25166]** - Confocal image of adult rat cerebellar cortex stained with NBP2-25166 (green), chicken polyclonal antibody to MAP2 NB300-213 (red) and DNA (blue). NBP2-25166 reveals synapses in the molecular layer (ML) strongly. Synaptic regions are also seen in the granule cell layer (GC). The perikarya of Purkinje cells (PC) are revealed with MAP2 antibody. Little staining is seen in the white matter (WM).





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### **Products Related to NBP2-25166**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-30228	Recombinant Human visinin-like 1 Protein

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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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