

# Product Datasheet

## VAMP3/Cellubrevin Antibody (4G9) - BSA Free NBP1-97948-100ul

Unit Size: 100 ul

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

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**NBP1-97948-100ul**

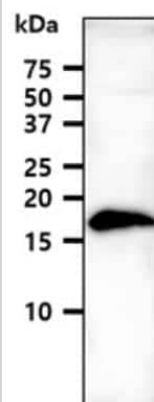
VAMP3/Cellubrevin Antibody (4G9) - BSA Free

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	4G9
Preservative	0.02% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS (pH 7.4), 10% Glycerol
Product Description	
Description	Novus Biologicals Mouse VAMP3/Cellubrevin Antibody (4G9) - BSA Free (NBP1-97948) is a monoclonal antibody validated for use in WB, ELISA, Flow, ICC/IF and IP. Anti-VAMP3/Cellubrevin Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9341
Gene Symbol	VAMP3
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Immunogen	Recombinant human VAMP3/Cellubrevin (1-77aa) purified from E. coli
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry, ELISA 1:100-1:2000, Immunoprecipitation
Application Notes	Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Use in immunoprecipitation reported in scientific literature (PMID 27183589).

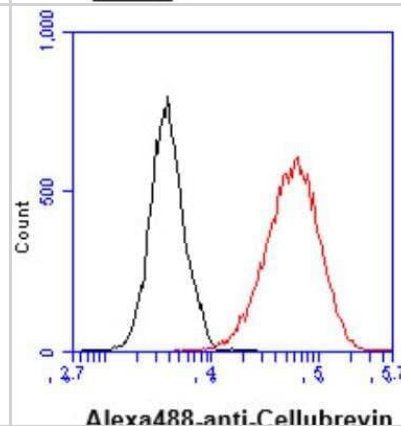


## Images

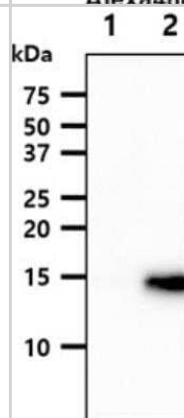
Western Blot: VAMP3/Cellubrevin Antibody (4G9) [NBP1-97948] - The mouse brain tissue lysate (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human cellubrevin antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Flow Cytometry: VAMP3/Cellubrevin Antibody (4G9) [NBP1-97948] - Analysis of Cellubrevin in HeLa cell line, staining at 2-5ug for 1x10<sup>6</sup> cells (red line). The secondary antibody used goat anti-mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was mouse IgG (black line)



Western Blot: VAMP3/Cellubrevin Antibody (4G9) [NBP1-97948] - Lane 1. 293T cell lysate Lane 2. Cellubrevin transfected 293T cell lysate.



## Publications

Beckner ME, Conkright WR, Sahu A Et al. Utility of extracellular vesicles as a potential biological indicator of physiological resilience during military operational stress *Physiol Rep* 2022-04-04 [PMID: 35373929] (ICC/IF, Human)

Details:

Citation using the Alexa Fluor 700 version of this antibody.

Beckner ME, Conkright WR, Mi Q et al. Neuroendocrine, Inflammatory, and Extracellular Vesicle Responses During the Navy Special Warfare Screener Selection Course *Physiological genomics* 2022-06-13 [PMID: 35695270]

Martin-avila A, Medina-Tamayo J, Ibarra-Sanchez A et al. Protein Tyrosine kinase Fyn Regulates TLR4-Elicited Responses on Mast Cells Controlling the Function of a PP2A-PkCalpha/beta Signaling Node Leading to TNF Secretion. *J. Immunol.* 2016-05-11 [PMID: 27183589] (IP, Mouse)



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### **Products Related to NBP1-97948-100ul**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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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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