

# Product Datasheet

## VMAT2 Antibody (OTI9E11) - Azide and BSA Free NBP2-74850

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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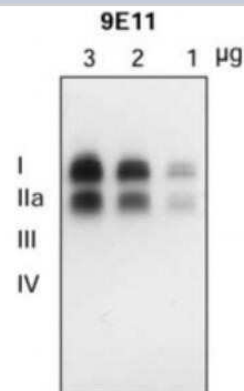
**NBP2-74850**

VMAT2 Antibody (OTI9E11) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI9E11
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	55.7 kDa
Product Description	
Description	Novus Biologicals Mouse VMAT2 Antibody (OTI9E11) - Azide and BSA Free (NBP1-47977) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6571
Gene Symbol	SLC18A2
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full-length protein expressed in 293T cell transfected with human SLC18A2 expression vector .
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50, CyTOF-ready

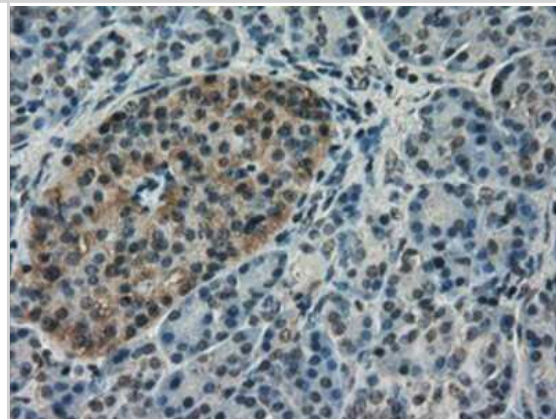
## Images

Western Blot: VMAT2 Antibody (OTI9E11) - Azide and BSA Free [NBP2-74850] - VMAT2 protein level by using anti-VMAT2 (9E11) antibody in the striatum of autopsied human brain.

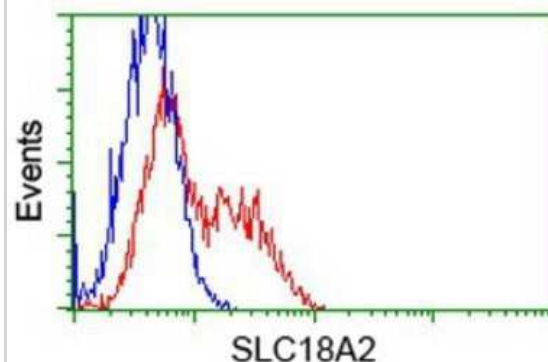


Immunocytochemistry/Immunofluorescence: VMAT2 Antibody (OTI9E11) - Azide and BSA Free [NBP2-74850] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY VMAT2. ✘

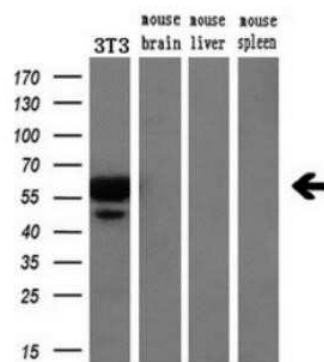
Immunohistochemistry: VMAT2 Antibody (OTI9E11) - Azide and BSA Free [NBP2-74850] - Staining of paraffin-embedded Human pancreas tissue using anti-VMAT2 mouse monoclonal antibody.



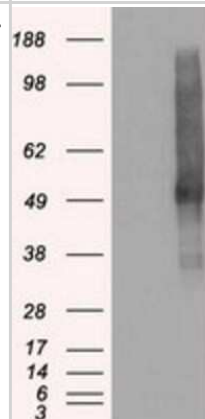
Flow Cytometry: VMAT2 Antibody (OTI9E11) - Azide and BSA Free [NBP2-74850] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-VMAT2 antibody, and then analyzed by flow cytometry.



Western Blot: VMAT2 Antibody (OTI9E11) - Azide and BSA Free [NBP2-74850] - Analysis of extracts (10ug) from a mouse cell line and 3 different mouse tissues by using anti SLC18A2 monoclonal antibody. (1:200).



Western Blot: VMAT2 Antibody (OTI9E11) - Azide and BSA Free [NBP2-74850] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY VMAT2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-VMAT2.





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### **Products Related to NBP2-74850**

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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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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