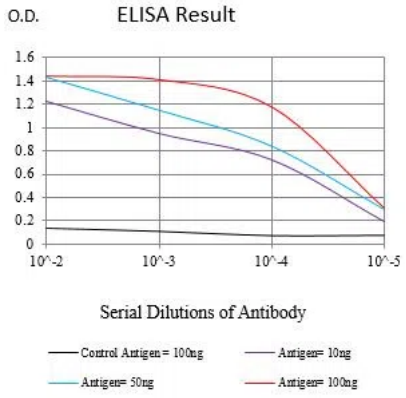
Product Data Sheet
VAMP2 Mouse Monoclonal Antibody

Product name:	VAMP2 Mouse Monoclonal Antibody
Cat number:	MABN82986
Conjugate:	Unconjugated
Size:	100ul
Concentration:	1mg/ml
Host:	Mouse
Isotype:	Mouse IgG1
Immunogen:	Purified recombinant fragment of human VAMP2 (AA: 2-89aa) expressed in E. Coli.
Reactivity:	Human, Mouse, Monkey, Rat
Applications:	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight:	7kDa
Purification:	Affinity purification
Form:	liquid
Buffer:	Purified antibody in PBS with 0.05% sodium azide
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Synonyms:	SYB2; VAMP-2; NEDHAHM
Source:	Mouse
Background:	The protein encoded by this gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. This gene is thought to participate in neurotransmitter release at a step between docking and fusion. The protein forms a stable complex with syntaxin, synaptosomal-associated protein, 25 kD, and synaptotagmin. It also forms a distinct complex with synaptophysin. It is a likely candidate gene for familial infantile myasthenia (FIMG) because of its map location and because it encodes a synaptic vesicle protein of the type that has been implicated in the pathogenesis of FIMG.

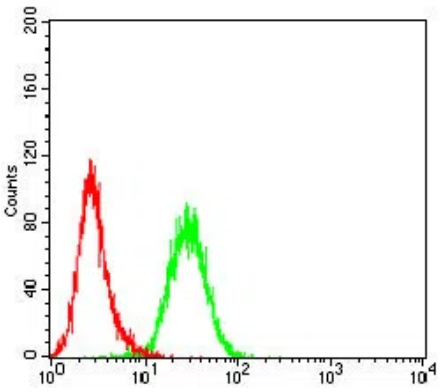
For Research Use Only

IMMUNOLOGICAL SCIENCES

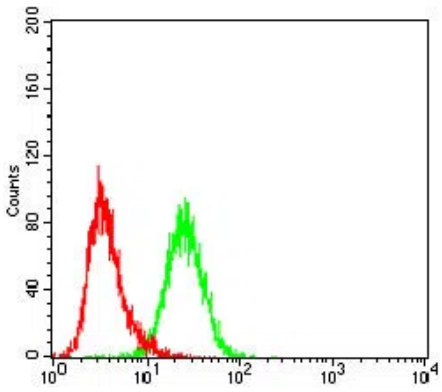
Product Data Sheet
VAMP2 Mouse Monoclonal Antibody



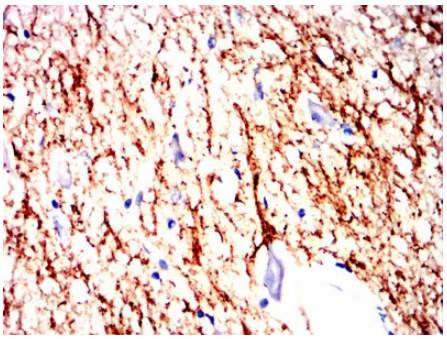
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



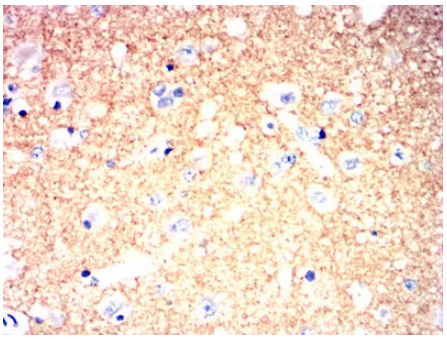
Flow cytometric analysis of Hela cells using VAMP2 mouse mAb (green) and negative control (red).



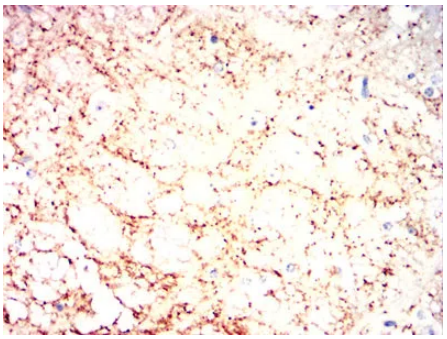
Flow cytometric analysis of COS-7 cells using VAMP2 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human medulla oblongata tissues using VAMP2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human brain tissues using VAMP2 mouse mAb with DAB staining.

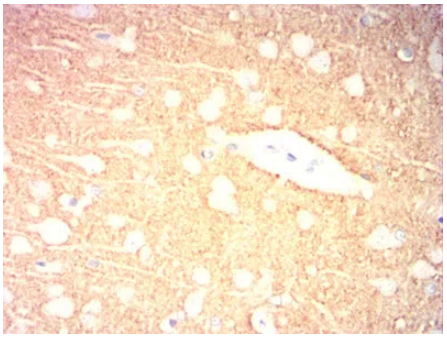


Immunohistochemical analysis of paraffin-embedded Mouse cerebellum tissues using VAMP2 mouse mAb with DAB staining.

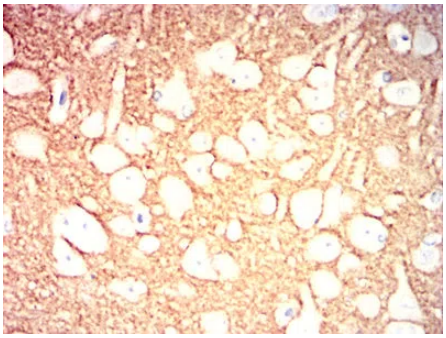
For Research Use Only

IMMUNOLOGICAL SCIENCES

Web-site: https://immunologicalsciences.com - E-mail: info@immunologicalsciences.com



Immunohistochemical analysis of paraffin-embedded Rat brain tissues using VAMP2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rabbit brain tissues using VAMP2 mouse mAb with DAB staining.