

For Research Use Only

# CoraLite®594-conjugated VAMP4 Monoclonal antibody



Catalog Number:CL594-67219

## Basic Information

Catalog Number: CL594-67219	GenBank Accession Number: BC007019	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 8674	CloneNo.: 3A6F2
Source: Mouse	UNIPROT ID: O75379	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG2a	Full Name: vesicle-associated membrane protein 4	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG27854	Calculated MW: 16 kDa	
	Observed MW: 18 kDa	

## Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HEK-293 cells,
Species Specificity: Human, Pig, Rat, Mouse	

## Background Information

VAMP4 is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family and the SNARE superfamily. Characterized by a common sequence called the SNARE motif, SNARE proteins are involved in membrane fusion and vesicular transport (PMID: 11252968). VAMP4 may play a role in trans-Golgi network to endosome transport.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

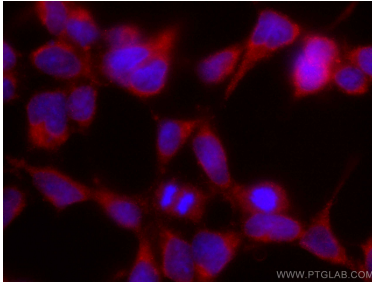
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HEK-293 cells using CoraLite®594 VAMP4 antibody (CL594-67219, Clone: 3A6F2 ) at dilution of 1:200.