

For Research Use Only

CoraLite® Plus 488-conjugated VAMP8 Recombinant monoclonal antibody

Catalog Number: CL488-85400-4



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-85400-4	BC001634	Protein A purification
Source:	GenID (NCBI):	CloneNo.:
Rabbit	8673	242830B11
Isotype:	UNIPROT ID:	Recommended Dilutions:
IgG	Q9BV40	IF/ICC: 1:50-1:500
Immunogen Catalog Number:	Full Name:	Excitation/Emission maxima
AG7903	vesicle-associated membrane protein 8 (endobrevin)	wavelengths: 493 nm / 522 nm
	Calculated MW:	
	11 kDa	
	Observed MW:	
	15 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : HeLa cells, HEK-293 cells
Species Specificity:	
human, mouse, rat	

Background Information

VAMP8, also named as endobrevin, is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family and the SNARE (soluble NSF-attachment protein receptor) superfamily. Characterized by a common sequence called the SNARE motif, SNARE proteins are involved in membrane fusion and vesicular transport (PMID: 11252968). VAMP8 is involved in autophagy through the direct control of autophagosome membrane fusion with the lysosome membrane. It is required for dense-granule secretion in platelets and plays a role in regulated enzyme secretion in pancreatic acinar cells. VAMP8 is also involved in the abscission of the midbody during cell division, which leads to completely separate daughter cells.

Storage

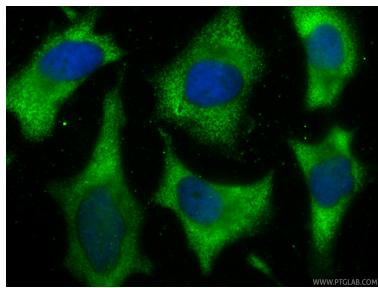
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 VAMP8 antibody (CL488-85400-4, Clone: 242830B11) at dilution of 1:200.