

For Research Use Only



CoraLite® Plus 488-conjugated ATP6V1B2 Recombinant monoclonal antibody

Catalog Number: **CL488-87302-4**

Basic Information

Catalog Number: CL488-87302-4	GenBank Accession Number: BC003100	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 526	CloneNo.: 252572H5
Isotype: IgG	UNIPROT ID: P21281	Recommended Dilutions: IF/ICC: 1:50-1:500
Immunogen Catalog Number: AG7174	Full Name: ATPase, H ⁺ transporting, lysosomal 56/58kDa, V1 subunit B2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 57 kDa	
	Observed MW: 56-58 kDa	

Applications

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

Background Information

ATP6V1B2(V-type proton ATPase subunit B, brain isoform) is also named as ATP6B2, VPP3,HO57. It belongs to the ATPase alpha/beta chains family.V-ATPase is an heteromultimeric enzyme composed of a peripheral catalytic V1 complex attached to an integral membrane V0 proton pore complex.The quasi-ubiquitous ATP6V1B2 is one of 2 isoforms of ATP6V1 and is expressed in most cell types, where it plays a major role in organelle acidification (PMID:18667600). This antibody specifically recognizes ATP6V1B2 and does not cross-react with ATP6V1B1.

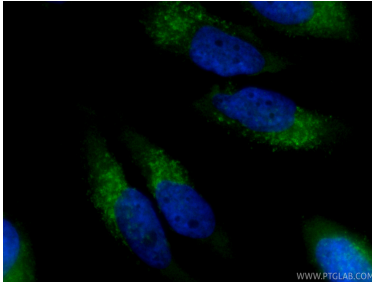
Storage

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:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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
ATP6V1B2 antibody (CL488-87302-4, Clone:
252572H5) at dilution of 1:200.