

For Research Use Only



CoraLite® Plus 488-conjugated AP5Z1/SPG48 Monoclonal antibody

Catalog Number: **CL488-66533**

Basic Information

Catalog Number: CL488-66533	GenBank Accession Number: BC037399	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 9907	CloneNo.: 1G1D7
Source: Mouse	UNIPROT ID: O43299	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Full Name: KIAA0415	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG26961	Calculated MW: 807 aa, 88 kDa	
	Observed MW: 88 kDa, 160 kDa	

Applications

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

Background Information

AP5Z1, also known as SPG48 and KIAA0415, is a part of AP-5. Biallelic mutations in the AP5Z1 gene encoding the AP5Z1 subunit have been described in a small number of patients with hereditary spastic paraplegia (HSP). AP5Z1 physically interacts with other HSP proteins and that patient cells are sensitive to DNA damaging drugs.

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:

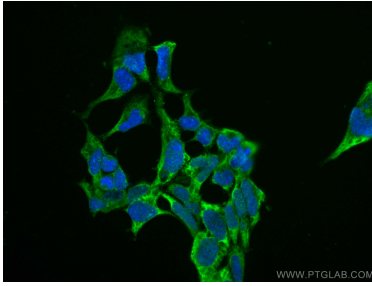
T: 4006900926

E: Proteintech-CN@ptglab.com

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 HEK-293 cells using CoraLite® Plus 488 AP5Z1/SPG48 antibody (CL488-66533, Clone: 1G1D7) at dilution of 1:100.