

CoraLite® Plus 488-conjugated AP5Z1/SPG48 Monoclonal antibody

Catalog Number: **CL488-66533**

Basic Information

Catalog Number:

CL488-66533

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG26961

GenBank Accession Number:

BC037399

GeneID (NCBI):

9907

UNIPROT ID:

O43299

Full Name:

KIAA0415

Calculated MW:

807 aa, 88 kDa

Observed MW:

88 kDa, 160 kDa

Purification Method:

Protein G purification

CloneNo.:

1G1D7

Recommended Dilutions:

IF/ICC 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, rat

Positive Controls:

IF/ICC : HEK-293 cells,

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:

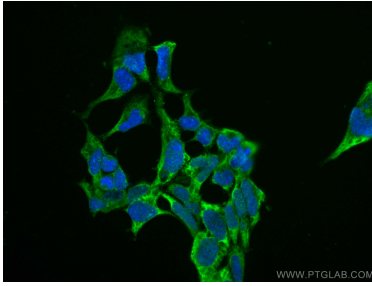
Store at -20°C. Avoid exposure to light.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.