

For Research Use Only

CoraLite® Plus 488-conjugated L-VOCC Polyclonal antibody

Catalog Number: CL488-21774



Basic Information

Catalog Number:

CL488-21774

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16455

GenBank Accession Number:

BC146846

GeneID (NCBI):

775

UNIPROT ID:

Q13936

Full Name:

calcium channel, voltage-dependent,
L type, alpha 1C subunit

Calculated MW:

249 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF-P: 1:50-1:500

FC (Intra): 0.80 µg per 10⁶ cells in a
100 µl suspension

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF-P, FC (Intra)

Species Specificity:

human, mouse

Positive Controls:

IF-P: mouse brain tissue,

FC (Intra): HeLa cells,

Background Information

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:

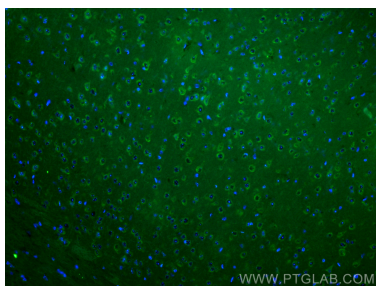
T: 4006900926

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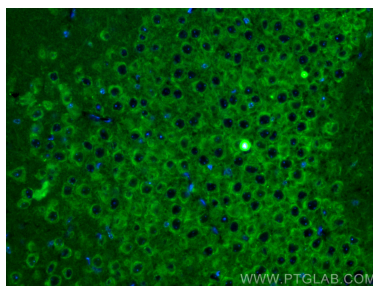
W: ptgcn.com

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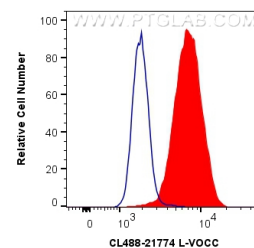
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using CoraLite® Plus 488 L-VOCC antibody (CL488-21774) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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1X10⁶ HeLa cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human L-VOCC (CL488-21774) (red), or 0.8 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).