

For Research Use Only

CoraLite® Plus 488-conjugated NEDD9 Recombinant antibody

Catalog Number: CL488-83362-2



Basic Information

Catalog Number:

CL488-83362-2

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34170

GenBank Accession Number:

BC040207

GeneID (NCBI):

4739

UNIPROT ID:

Q14511

Full Name:

neural precursor cell expressed,
developmentally down-regulated 9

Calculated MW:

834 aa, 93 kDa

Observed MW:

105 kDa, 115 kDa

Purification Method:

Protein A purification

CloneNo.:

240310F8

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : A549 cells,

Background Information

NEDD9, also known as CASL, HEF1, contains an N-terminal Src homology (SH) 3 domain and an adjacent domain composed of multiple SH2-binding motifs(PMID: 8668148). Cell cycle-regulated processing produces four isoforms: p115, p105, p65, and p55. Isoform p115 arises from p105 phosphorylation and appears later in the cell cycle. Isoform p55 arises from p105 as a result of cleavage at a caspase cleavage-related site and it appears specifically at mitosis. p105 and p115 are predominantly cytoplasmic and associated with focal adhesions, whereas p55 associates with the mitotic spindle(PMID: 9584194).

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:

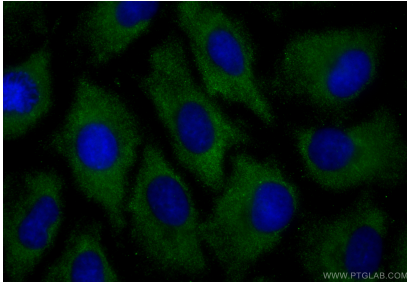
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using CoraLite® Plus 488 NEDD9 antibody (CL488-83362-2, Clone: 240310F8) at dilution of 1:200.