

For Research Use Only

CoraLite® Plus 488-conjugated UBE4B Recombinant monoclonal antibody

Catalog Number: CL488-85332-2

Featured Product



Basic Information

Catalog Number:

CL488-85332-2

Size:

100ul , Concentration: 1000 ug/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12836

GenBank Accession Number:

BC093696

GeneID (NCBI):

10277

UNIPROT ID:

O95155

Full Name:

ubiquitination factor E4B (UFD2
homolog, yeast)

Calculated MW:

1173 aa, 133 kDa

Observed MW:

140-146 kDa

Purification Method:

Protein A purification

CloneNo.:

242218E4

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells,

Background Information

UBE4B (Ubiquitin Conjugation E4 B) is a protein-coding gene that plays a crucial role in the ubiquitination process, which is essential for protein degradation and regulation of various cellular processes. UBE4B functions as both an E3 and E4 ubiquitin ligase. It collaborates with other ubiquitin ligases to catalyze the transfer of ubiquitin molecules to target proteins, leading to their degradation or other intracellular sorting events. For example, UBE4B has been shown to ubiquitinate and degrade proteins such as Ku70, c-FLIPL, and p53. It also interacts with the E3 ubiquitin ligase ITCH to induce polyubiquitination and proteasomal degradation of target proteins.

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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in USA), or 1(312) 455-8498 (outside USA)

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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 (4% PFA) fixed HeLa cells using Coralite® Plus 488 UBE4B antibody (CL488-85332-2, Clone: 242218E4) at dilution of 1:200, CL594-Phalloidin (red).