

For Research Use Only

CoraLite® Plus 488-conjugated PDCD4 Monoclonal antibody



Catalog Number: CL488-66100

Featured Product

Basic Information

Catalog Number:

CL488-66100

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG19239

GenBank Accession Number:

BC026104

GeneID (NCBI):

27250

UNIPROT ID:

Q53EL6

Full Name:

programmed cell death 4 (neoplastic transformation inhibitor)

Calculated MW:

469 aa, 52 kDa

Observed MW:

56 kDa

Purification Method:

Protein G purification

CloneNo.:

1F1A11

Recommended Dilutions:

WB 1:500-1:1000

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

WB

Species Specificity:

human

Positive Controls:

WB : Jurkat cells, HeLa cells, HEK-293 cells

Background Information

Programmed cell death 4 (Pdc4) is a novel tumor suppressor that inhibits translation, progression and invasion. It was first identified as being differentially upregulated during apoptosis. Pdc4 interferes with the activity of the eukaryotic initiation factor (eIF) 4A by displacing the scaffold protein eIF4G from its binding to the RNA helicase eIF4A.

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, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

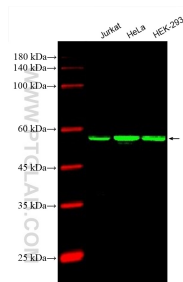
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL488-66100 (PDCD4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.