

For Research Use Only

CoraLite® Plus 488-conjugated ZFP36 Monoclonal antibody

Catalog Number: CL488-66938

Featured Product



Basic Information

Catalog Number:

CL488-66938

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG28473

GenBank Accession Number:

BC009693

GeneID (NCBI):

7538

UNIPROT ID:

P26651

Full Name:

zinc finger protein 36, C3H type,
homolog (mouse)

Calculated MW:

326 aa, 34 kDa

Observed MW:

34 kDa

Purification Method:

Protein A purification

CloneNo.:

1A5E6

Recommended Dilutions:

WB 1:500-1:1000

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

WB

Species Specificity:

human, mouse, pig

Positive Controls:

WB : NCI-H1299 cells,

Background Information

The expression of many cytokines is regulated post-transcriptionally by factors that modulate mRNA transport, translation, and stability. Much of this regulation occurs by the binding and stabilizing, or destabilizing, of cytokine mRNAs by proteins that recognize adenosine and uridine-rich elements (AREs) in untranslated regions of target transcripts. Zfp36 is a mRNA-binding protein involved in post-transcriptional regulation of AU-rich element (ARE)-containing mRNAs. It was demonstrated to physically interact with the p65 subunit of nuclear factor- κ B leading to decreased nuclear import and diminished transcriptional activation mediated by nuclear factor- κ B. It acted by specifically binding ARE-containing mRNAs and promoting their degradation, and has a crucial role in the post-transcriptional regulation of tumor necrosis factor (TNF).

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:

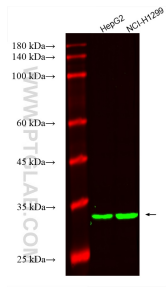
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL488-66938 (ZFP36 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.