

For Research Use Only

CoraLite® Plus 488-conjugated EIF2AK2, PKR Polyclonal antibody



Catalog Number: CL488-18244

Featured Product

Basic Information

Catalog Number:

CL488-18244

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13010

GenBank Accession Number:

BC093676

GeneID (NCBI):

5610

UNIPROT ID:

P19525

Full Name:

eukaryotic translation initiation
factor 2-alpha kinase 2

Calculated MW:

551 aa, 62 kDa

Observed MW:

65-68 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF

Species Specificity:

human, mouse, rat

Positive Controls:

IF : HeLa cells,

Background Information

The eukaryotic translation initiation factor 2-alpha kinase 2 (EIF2AK2, also known as PKR or PRKR) is an important component of the host innate immune antiviral response. The product of the HSAEIF2AK2 gene is a 68 kDa protein that is ubiquitously expressed at low levels. The N-terminal part of this protein contains two dsRNA binding motifs (dsRBM). The C-terminal EIF2S1 kinase domain includes 12 sub-domains that are conserved in several species (PMID:16954046). This antibody is specific to EIF2AK2.

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:

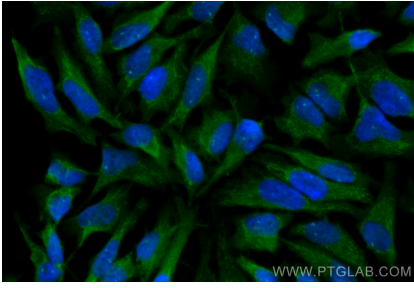
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 EIF2AK2, PKR antibody (CL488-18244) at dilution of 1:200.