

For Research Use Only

CoraLite® Plus 488-conjugated EIF2AK2, PKR Polyclonal antibody



Catalog Number: CL488-18244

Featured Product

Basic Information

Catalog Number: CL488-18244	GenBank Accession Number: BC093676	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5610	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: eukaryotic translation initiation factor 2-alpha kinase 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Calculated MW: 551 aa, 62 kDa	
Immunogen Catalog Number: AG13010	Observed MW: 65-68 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HeLa cells,
Species Specificity: human, mouse , rat	

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

*** 20ul sizes contain 0.1% BSA

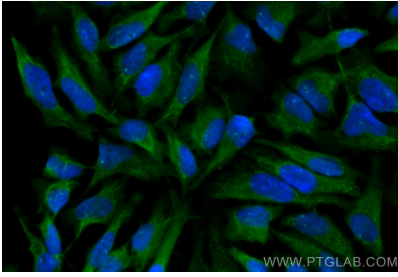
For technical support and original validation data for this product please contact:

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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.