

For Research Use Only

CoraLite® Plus 488-conjugated IKKα Recombinant monoclonal antibody

Catalog Number: CL488-84372-5



Basic Information

Catalog Number:

CL488-84372-5

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26573

GenBank Accession Number:

NM_001278

GeneID (NCBI):

1147

UNIPROT ID:

O15111

Full Name:

conserved helix-loop-helix
ubiquitous kinase

Calculated MW:

85 kDa

Purification Method:

Protein A purification

CloneNo.:

241579D12

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, rat

Positive Controls:

IF/ICC : HCT 116 cells,

Background Information

NF- κ B is regulated by phosphorylation of one of its cytoplasmic inhibitors, I κ B, mediated by I κ B kinases (IKK), allowing NF- κ B nuclear translocation and transcriptional activation. IKK α - IKK β heterodimer complexes regulate the DNA binding proteins implicated in the canonical NF- κ B pathway, including p50 - p65, while IKK α - homodimers regulate p52 - RELB dimers implicated in the alternative NF- κ B pathway. (PMID: 34187082)

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:

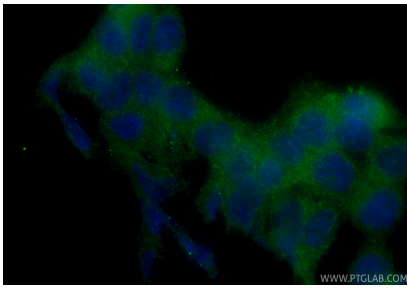
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HCT 116 cells using CoraLite® Plus 488 IKKA antibody (CL488-84372-5, Clone: 241579D12) at dilution of 1:200.