

For Research Use Only

IKKa Recombinant antibody

Catalog Number: 84372-5-RR



Basic Information

Catalog Number: 84372-5-RR	GenBank Accession Number: NM_001278	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1147	CloneNo.: 241579D12
Source: Rabbit	UNIPROT ID: O15111	Recommended Dilutions: IF/ICC 1:125-1:500
Isotype: IgG	Full Name: conserved helix-loop-helix ubiquitous kinase	
Immunogen Catalog Number: AG26573	Calculated MW: 85 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra), ELISA	Positive Controls: IF/ICC : HCT 116 cells,
Species Specificity: human	

Background Information

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

Storage

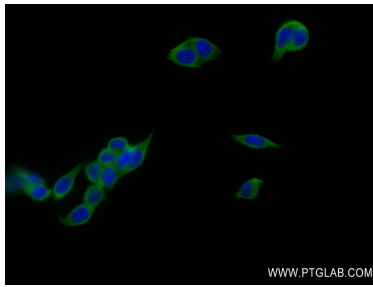
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

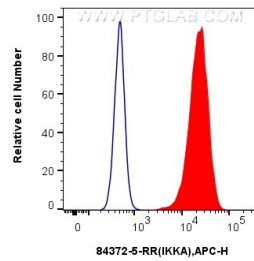
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HCT 116 cells using IKKA antibody (84372-5-RR, Clone: 241579D12) at dilution of 1:250 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1×10^6 HepG2 cells were intracellularly stained with 0.25 μ g IKKA Recombinant Antibody (84372-5-RR, Clone:241579D12) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).