

For Research Use Only

# IKKA Recombinant antibody

Catalog Number: 84372-5-RR



## Basic Information

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

## Applications

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

## Background Information

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

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

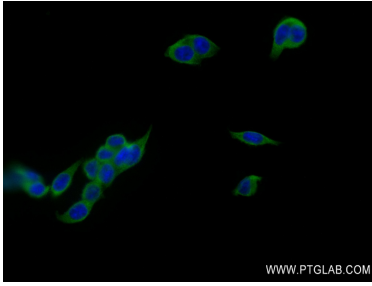
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

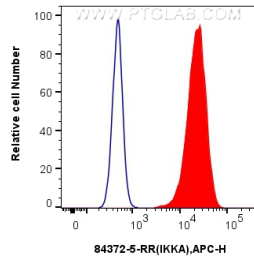
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## Selected Validation Data



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).



1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.25 ug IKKA Recombinant Antibody (84372-5-RR, Clone:241579D12) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).