
Product Name: PKR Rabbit Monoclonal Antibody**Catalog #: AMRe01507**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 58 kDa; Observed MW: 74 kDa

Antigen Information

Gene Name	Eif2Ak2
Alternative Names	PKR; PRKR; EIF2AK1; PPP1R83
Gene ID	19106.0
SwissProt ID	Q03963
Immunogen	Recombinant protein of mouse PKR

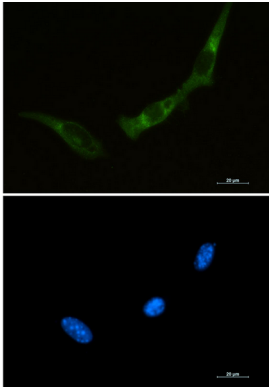
Background

IFN-induced dsRNA-dependent serine/threonine-protein kinase that phosphorylates the alpha subunit of eukaryotic translation initiation factor 2 (EIF2S1/eIF-2-alpha) and plays a key role in the innate immune response to viral infection.

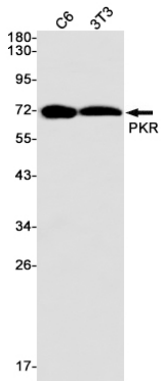
Research Area

Signal Transduction

Image Data



Immunocytochemistry analysis of PKR (green) in 3T3 using PKR antibody, and DAPI (blue).



Western blot analysis of PKR in C6, 3T3 lysates using PKR antibody.