

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

PKR RABBIT MAB

Cat.#: N261608

Product Name: Anti-PKR Rabbit Monoclonal Antibody

Synonyms: EIF2AK2; PKR; PRKR; Interferon-induced; double-stranded RNA-activated protein kinase; Eukaryotic translation initiation factor 2-alpha kinase 2; eIF-2A protein kinase 2; Interferon-inducible RNA-dependent

protein kinase; P1/eIF-2A protein k

UNIPROT ID: P19525

Background: PKR a protein kinase of the PEK family. Upon binding double-

stranded RNA, it becomes autophosphorylated and activated.

Phosphorylates and inhibits the alpha subunit of eIF2 alpha, which leads to

an inhibition of the initiation of protein synthesis.

Immunogen: A synthetic peptide of human PKR

Applications: WB,IHC-F,IHC-P,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP:

1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R08-2C8

MW: Calculated MW: 62 kDa; Observed MW: 74 kDa

Isotype: IgG

Purification: Affinity Purified Species Reactivity: Human Conjugation: Unconjugated Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

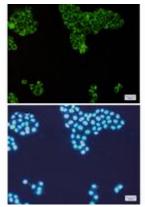
Research Areas: Signal Transduction

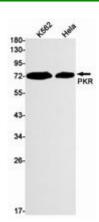
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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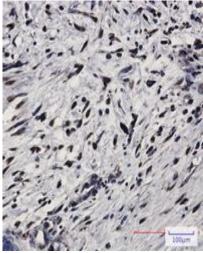
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Immunocytochemistry analysis of Western blot analysis of PKR in PKR(green) in Hela using PKR antibody, and DAPI (blue)

K562, Hela lysates using PKR antibody.



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using PKR antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.