

## 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

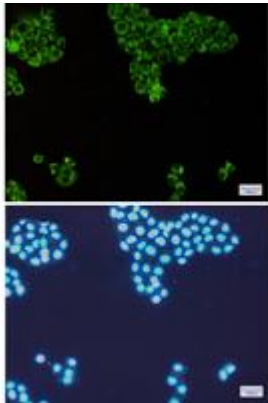
**Conjugation:** Unconjugated

**Modification:** Unmodified

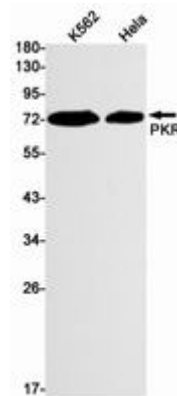
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

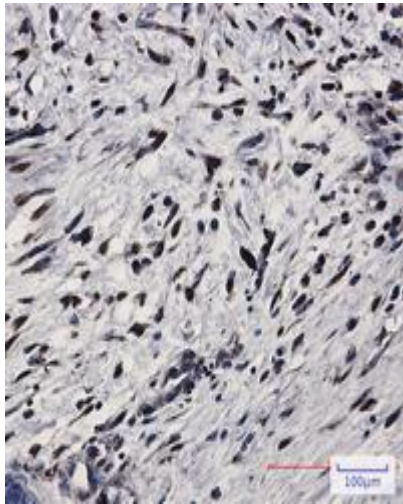
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of PKR (green) in HeLa using PKR antibody, and DAPI (blue)



Western blot analysis of PKR in 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.