

## PKR RABBIT MAB

**Cat.#:** N261666

**Product Name:** Anti-PKR Rabbit Monoclonal Antibody

**Synonyms:** PKR; PRKR; EIF2AK1; PPP1R83

**UNIPROT ID:** Q03963

**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.

**Immunogen:** Recombinant protein of mouse PKR

**Applications:** WB, ICC/IF, IP

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R04-3F2

**MW:** Calculated MW: 58 kDa; Observed MW: 74 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Mouse, Rat

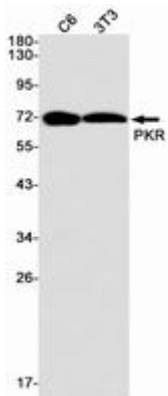
**Conjugation:** Unconjugated

**Modification:** Unmodified

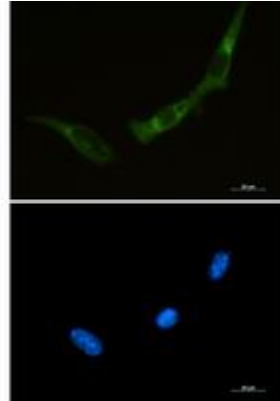
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

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



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



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