

**PKR Recombinant Rabbit mAb**

Catalog: BS48144

Host: Rabbit

Reactivity: Human

**BackGround:**

The protein encoded by this gene is a serine/threonine protein kinase that is activated by autophosphorylation after binding to dsRNA. The activated form of the encoded protein can phosphorylate translation initiation factor EIF2S1, which in turn inhibits protein synthesis. This protein is also activated by manganese ions and heparin. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

**Product:**

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

**Molecular Weight:**

74 kDa

**Swiss-Prot:**

P19525

**Purification&Purity:**

Affinity Purification

**Applications:**

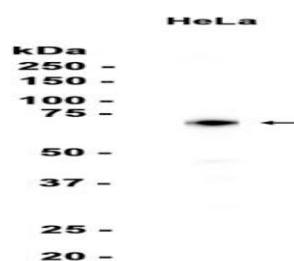
WB: 1:1000-1:2000 IHC: 1:100 ICC/IF: 1:20-1:100 FC: 1:20 IP: 1:20-1:50

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot analysis of extracts from HeLa cells using BS48144 at 1:1000.

**Note:**

For research use only, not for use in diagnostic procedure.

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