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# **Recombinant PKR Monoclonal Antibody**

catalog number: AN300649L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human PKR protein

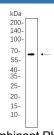
HostRabbitIsotype $IgG,\kappa$ CloneB584PurificationProtein A

**Buffer** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:2000-1:10000

#### Data



Western Blot with Recombinant PKR Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: K562 whole cell lysate.

Observed-MW:62 kDa Calculated-MW:62 kDa

## **Preparation & Storage**

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

## **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.

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 Rev. V1.1