

## Recombinant PKR Monoclonal Antibody

catalog number: **E-AB-81597**

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

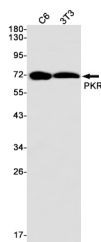
### Description

<b>Reactivity</b>	Mouse;Rat
<b>Immunogen</b>	Recombinant protein of mouse PKR
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R04-3F2
<b>Purification</b>	Affinity Purified
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

### Applications Recommended Dilution

<b>WB</b>	1:500-1:1000
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### Data



Western blot detection of PKR in C6,3T3 cell lysates using  
PKR Rabbit mAb(1:1000 diluted). Predicted band  
size:62kDa.Observed band size:74kDa.

**Observed-MW:74 kDa**

**Calculated-MW:62 kDa**

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

### 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.

### For Research Use Only