

## Phospho-PKR (Thr451) monoclonal antibody

Catalog: MB11432

Host: Rabbit

Reactivity: Human

### BackGround:

PKR a protein kinase of the PEK family. Upon binding double-stranded RNA, it becomes autophosphorylated and activated. Phosphorylates and inhibits the alpha sub-unit of eIF2 alpha, which leads to an inhibition of the initiation of protein synthesis.

### Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

### Molecular Weight:

Calculated MW: 62 kDa; Observed MW: 74 kDa

### Swiss-Prot:

P19525

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000

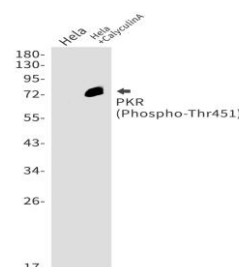
### Storage&Stability:

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 PKR in HeLa, HeLa+CalyculinA lysates using Phospho-PKR antibody.

### Note:

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

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