

PKR monoclonal antibody

Catalog: MB10307

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 IHC: 1/50-1/100 IF: 1/50-1/200
IP: 1/20

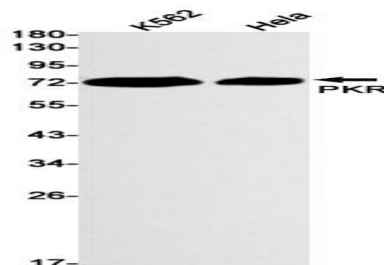
Storage&Stability:

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

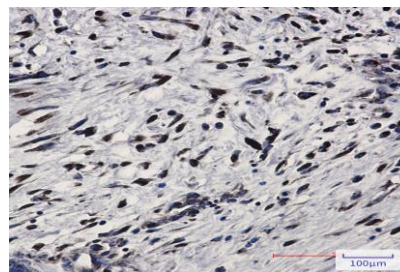
Isotype:

IgG

DATA:



Western blot analysis of PKR in K562, HeLa lysates using PKR antibody.



Immunocytochemistry analysis of PKR in HeLa using PKR antibody, and DAPI

Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using PKR antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note:

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

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