

Adenosine Kinase monoclonal antibody

Catalog: MB67029

Host: Mouse

Reactivity: Human

BackGround:

Catalyzes the phosphorylation of the purine nucleoside adenosine at the 5' position in an ATP-dependent manner. Serves as a potential regulator of concentrations of extra-cellular adenosine and intracellular adenine nucleotides .

Product:

Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 45 kDa

Swiss-Prot:

P55263

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

WB (1/1000 - 1/2000), IHC (1/50 - 1/200)

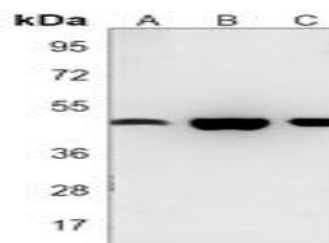
Storage&Stability:

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

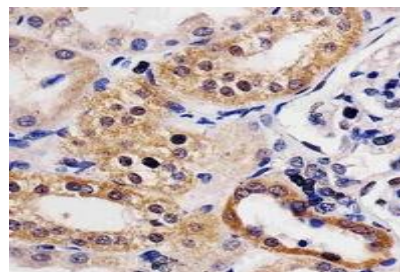
Specificity:

Recognizes endogenous levels of Adenosine Kinase protein.

DATA:



Western blot analysis of Adenosine Kinase expression in HepG2 (A), HL60 (B), human liver (C) whole cell lysates.



Immunohistochemical analysis of Adenosine Kinase staining in human kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

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

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