

32-5941: Mouse Anti Human Adenosine Kinase(Clone: PAT4F8AT.)

Clonality :	Monoclonal
Clone Name :	PAT4F8AT.
Application :	ELISA, WB
Gene :	TCF7L2
Gene ID :	6934
Uniprot ID :	Q9NQB0
Format :	Purified
Alternative Name :	Adenosine 5"-phosphotransferase, EC 2.7.1.20, AK, ADK.
Isotype :	Mouse IgG1 heavy chain and k light chain.
Immunogen Information :	Anti-human ADK mAb, is derived from hybridization of mouse FO myeloma cells with spleen cells from BALB/c mice immunized with recombinant human ADK amino acids 22-362 purified from E. coli.

Description

Adenosine Kinase is an abundant enzyme in mammalian tissues which catalyzes the transfer of the gamma-phosphate from ATP to adenosine, thus is as a regulator of concentrations of both extracellular adenosine and intracellular adenine nucleotides. Adenosine has extensive effects on the cardiovascular, nervous, respiratory, and immune systems and inhibitors of the enzyme take a crucial pharmacological part in growing intravascular adenosine concentrations and acting as anti-inflammatory agents.

Product Info

Amount :	20 µg
Purification :	ADK antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

ADK antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:1000. Recommended starting dilution is 1:1000.