

CPAB0110

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## Product Information

**Size:**

5µg

**Applications:**

Western Blot, ELISA

**Reactivity:**

Human

**Source:**

Mouse

**Isotype:**

IgG1

**Purification Method:**

ADK antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.

**Protein Background:**

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.

**Synonyms:**

Adenosine 5'-phosphotransferase, EC 2.7.1.20, AK, ADK.

**Immunogen:**

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 Ecoli.

**Storage:**

For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.