

Datasheet for ABIN5647004

anti-ADK antibody

5 Images

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Overview

Quantity:	100 µg
Target:	ADK
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	Amino acids K165-T351 from the human protein were used as the immunogen for the ADK antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	ADK
Alternative Name:	ADK / Adenosine kinase (ADK Products)
Background:	Adenosine kinase is an enzyme which catalyzes the transfer of the gamma-phosphate from ATP to adenosine, thereby serving as a regulator of concentrations of both extracellular adenosine and intracellular adenine nucleotides. Adenosine has widespread effects on the

Target Details

cardiovascular, nervous, respiratory, and immune systems and inhibitors of the enzyme could play an important pharmacological role in increasing intravascular adenosine concentrations and acting as anti-inflammatory agents. Multiple transcript variants encoding different isoforms have been found for this gene.

UniProt: [P55263](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: Western blot: 0.5-1 µg/mL,IHC (FFPE): 1-2 µg/mL,FACS: 1-3 µg/10⁶ cells

Restrictions: For Research Use only

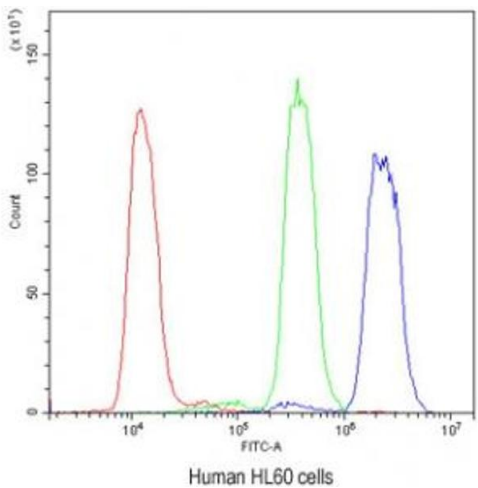
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

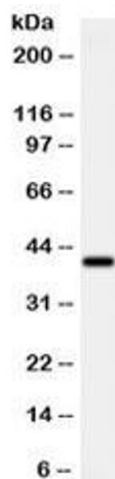
Storage Comment: After reconstitution, the ADK antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



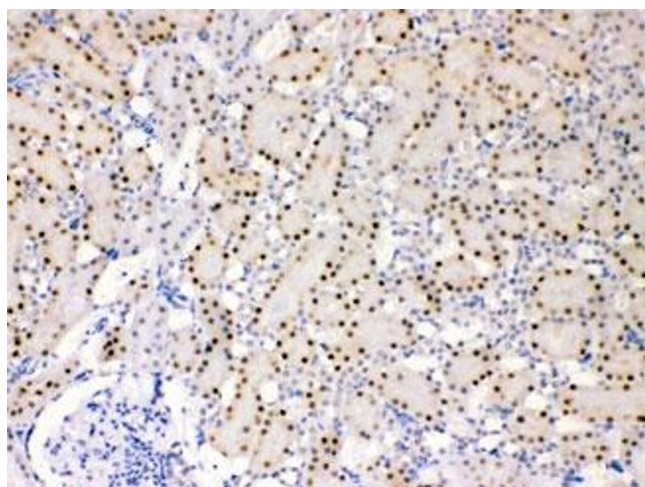
Flow Cytometry

Image 1. Flow cytometry testing of human HL60 cells with ADK antibody at 1ug/10⁶ cells (blocked with goat sera)



Western Blotting

Image 2. Western blot testing of human MCF7 cell lysate with ADK antibody at 0.5ug/ml. Predicted molecular weight ~40 kDa.



Immunohistochemistry

Image 3. IHC testing of FFPE rat kidney with ADK antibody at 1ug/ml. HIER: steam sections in pH6 citrate buffer for 20 min.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5647004.