

## Mouse anti-Human Adenosine Kinase Monoclonal Antibody | anti-ADK antibody

Anti-Adenosine Kinase Antibody

|                               |                      |                            |                                                           |
|-------------------------------|----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA266050</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------|----------------------------|-----------------------------------------------------------|

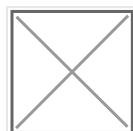
### PRODUCT SYNONYMS

Adenosine Kinase; Monoclonal Antibody; Anti-Adenosine Kinase Antibody; anti-ADK antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                          | Mouse                                                                                                          |
| Reactivity                                    | Human                                                                                                          |
| Clonality                                     | Monoclonal                                                                                                     |
| Isotype                                       | Mouse IgG1 kappa                                                                                               |
| Specificity                                   | Recognizes endogenous levels of Adenosine Kinase protein.                                                      |
| Purity/Purification                           | This antibody is purified through a protein G column.                                                          |
| Form/Format                                   | Mouse IgG1 kappa. Liquid in PBS, pH7.3, 30% glycerol, and 0.01% sodium azide.                                  |
| Applicable Applications for anti-ADK antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                  |
| Immunogen                                     | Recombinant fusion protein of human Adenosine Kinase. The exact sequence is proprietary.                       |
| Preparation and Storage                       | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

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.



#### WB (Western Blot)

Western blot analysis of Adenosine Kinase expression in HepG2 (A), HL60 (B), human liver (C) whole cell lysates. (Predicted band size: 40 kD; Observed band size: 45 kD)

### ADDITIONAL INFORMATION

|                                                   |                                               |
|---------------------------------------------------|-----------------------------------------------|
| Related Product Information for anti-ADK antibody | Mouse monoclonal antibody to Adenosine Kinase |
| Product Categories/Family for anti-ADK antibody   | <a href="#">Primary Antibodies</a>            |

### NCBI AND UNIPROT INFORMATION

|           |                          |
|-----------|--------------------------|
| NCBI GI # | <a href="#">32484973</a> |
|-----------|--------------------------|

|                                  |                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GeneID                      | <a href="#">132</a>                                                                                                                                                          |
| NCBI Accession #                 | <a href="#">NP_001114.2</a>                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001123.3</a>                                                                                                                                                  |
| UniProt Accession #              | <a href="#">P55263</a> ; <a href="#">O00741</a> ; <a href="#">O00742</a> ; <a href="#">Q16710</a> ; <a href="#">Q5JQ11</a> ; <a href="#">Q9BTN2</a> ; <a href="#">B7Z783</a> |
| Molecular Weight                 | 40,545 Da                                                                                                                                                                    |
| NCBI Official Full Name          | adenosine kinase isoform a                                                                                                                                                   |
| NCBI Official Synonym Full Names | adenosine kinase                                                                                                                                                             |
| NCBI Official Symbol             | ADK                                                                                                                                                                          |
| NCBI Official Synonym Symbols    | AK                                                                                                                                                                           |
| NCBI Protein Information         | adenosine kinase; adenosine 5'-phosphotransferase                                                                                                                            |
| UniProt Protein Name             | Adenosine kinase                                                                                                                                                             |
| UniProt Gene Name                | <b>ADK</b>                                                                                                                                                                   |
| UniProt Synonym Gene Names       | AK                                                                                                                                                                           |
| UniProt Entry Name               | ADK_HUMAN                                                                                                                                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/adenosine-kinase-antibody-immunohistochemistry-western-blot-elisa/266050>