

ADK / Adenosine Kinase Antibody (clone AT4F8)
Mouse Monoclonal Antibody
Catalog # ALS14456**Specification**

ADK / Adenosine Kinase Antibody (clone AT4F8) - Product Information

Application	WB, IHC-P, E
Primary Accession	P55263
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	41kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

ADK / Adenosine Kinase Antibody (clone AT4F8) - Additional Information**Gene ID** 132**Other Names**

Adenosine kinase, AK, 2.7.1.20, Adenosine 5'-phosphotransferase, ADK

Target/Specificity

Human ADK

Reconstitution & Storage

Can be stored at 4°C. For long term storage, aliquot and store at -20°C. Avoid repeated freezing and thawing cycles.

Precautions

ADK / Adenosine Kinase Antibody (clone AT4F8) is for research use only and not for use in diagnostic or therapeutic procedures.

ADK / Adenosine Kinase Antibody (clone AT4F8) - Protein Information**Name** ADK ([HGNC:257](#))**Function**

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 extracellular adenosine and intracellular adenine nucleotides.

Cellular Location

[Isoform 1]: Nucleus

Tissue Location

Widely expressed. Highest level in placenta, liver, muscle and kidney.

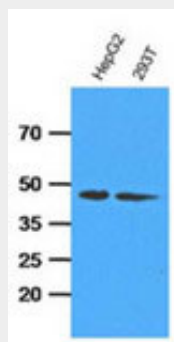
Volume
50 µl

ADK / Adenosine Kinase Antibody (clone AT4F8) - Protocols

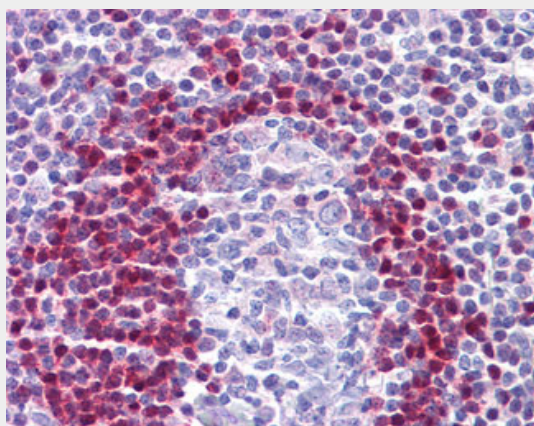
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ADK / Adenosine Kinase Antibody (clone AT4F8) - Images



Cell lysates (35 ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with...



Anti-ADK antibody IHC of human tonsil.

ADK / Adenosine Kinase Antibody (clone AT4F8) - Background

ATP dependent phosphorylation of adenosine and other related nucleoside analogs to monophosphate derivatives. Serves as a potential regulator of concentrations of extracellular adenosine and intracellular adenine nucleotides.

ADK / Adenosine Kinase Antibody (clone AT4F8) - References

Spychala J.,et al.Proc. Natl. Acad. Sci. U.S.A. 93:1232-1237(1996).
Singh B.,et al.Eur. J. Biochem. 241:564-571(1996).
McNally T.,et al.Biochem. Biophys. Res. Commun. 231:645-650(1997).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 429:375-381(2004).