

AK2 antibody

Product Information

Catalog No.:	FNab00245
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	3B8
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Catalyzes the reversible transfer of the terminal phosphate group between ATP and AMP. Plays an important role in cellular energy homeostasis and in adenine nucleotide metabolism. Adenylate kinase activity is critical for regulation of the phosphate utilization and the AMP de novo biosynthesis pathways. Plays a key role in hematopoiesis.

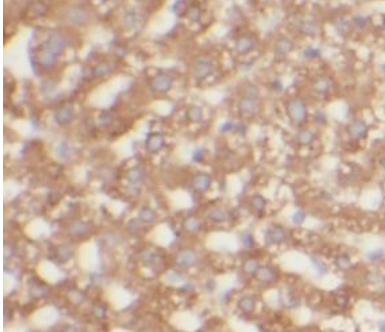
Immunogen information

Immunogen:	adenylate kinase 2
Synonyms:	Adenylate kinase 2, mitochondrial (AK 2) ATP-AMP transphosphorylase 2 ATP:AMP phosphotransferase Adenylate monophosphate kinase Adenylate kinase 2, mitochondrial, N-terminally processed AK2 ADK2
Observed MW:	26 kDa
Uniprot ID :	P54819

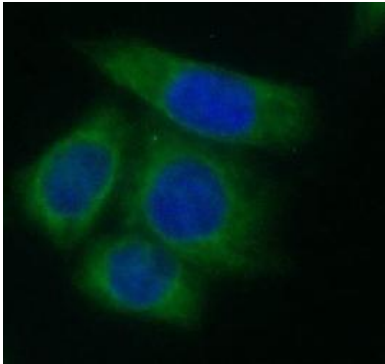
Application

Reactivity:	Human
Tested Application:	ELISA, WB, IHC, IF, FC
Recommended dilution:	WB: 1:1000-1:8000; IHC: 1:20-200; IF: 1:20-200

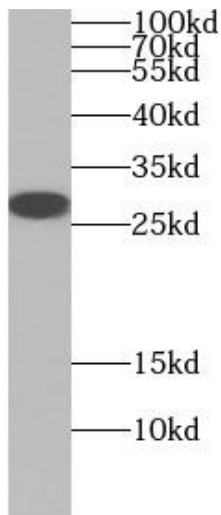
Image:



Immunohistochemistry of paraffin-embedded human liver slide using FNab00245(AK2 Antibody) at dilution of 1:50



Immunofluorescent analysis of HeLa cells using FNab00245(AK2 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L)



HeLa cells were subjected to SDS PAGE followed by western blot with FNab00245(AK2 antibody) at dilution of 1:4000