

Datasheet for ABIN7111344
anti-Adenylate Kinase 2 antibody



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Overview

Quantity:	100 µg
Target:	Adenylate Kinase 2 (AK2)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Adenylate Kinase 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	adenylate kinase 2
Clone:	3B8
Isotype:	IgG2a
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	Adenylate Kinase 2 (AK2)
Alternative Name:	AK2 (AK2 Products)
Background:	Synonyms: Adenylate kinase 2, ADK2, AK 2, AK2, ATP AMP transphosphorylase 2

Target Details

	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.
Molecular Weight:	26 kDa
Gene ID:	204
UniProt:	P54819
Pathways:	Nucleotide Phosphorylation , Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB: 1:1000-1:8000, IHC: 1:20-200, IF: 1:20-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months