Recombinant AK2/Adenylate kinase 2 Monoclonal Antibody

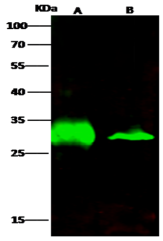
catalog number: AN300119P

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human AK2 protein
Host	Rabbit
Isotype	IgG
Clone	9D8
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:500-1:2000
IHC-P	1:100-1:500



Western Blot with AK2 / Adenylate kinase 2 Monoclonal Antibody at dilution of 1:500. Lane A: Mouse kidney tissue lysate, Lane B: HCT116 Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:26 kDa

Calculated-MW:26 kDa

Preparation & Storage

Storage	This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

Adenylate kinases are involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate groups among adenine nucleotides. Three isozymes of adenylate kinase, namely 1, 2, and 3, have been identified in vertebrates; this gene encodes isozyme 2. Expression of these isozymes is tissue-specific and developmentally regulated. Isozyme 2 is localized in the mitochondrial intermembrane space and may play a role in apoptosis. Mutations in this gene are the cause of reticular dysgenesis. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 1 and 1.

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