

Datasheet for ABIN933025
anti-Adenylate Kinase 3 antibody



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2 Images

Overview

Quantity:	100 µL
Target:	Adenylate Kinase 3 (AK3)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Adenylate Kinase 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	AK3 antibody was raised in mouse using recombinant human Ak3 (adenylate kinase isozyme 3) purified from E. coli as the immunogen.
Clone:	SJB3-36
Isotype:	IgG1 kappa
Purification:	AK3 antibody was purified by protein-G affinity chromatography

Target Details

Target:	Adenylate Kinase 3 (AK3)
Alternative Name:	AK3 (AK3 Products)
Pathways:	Nucleotide Phosphorylation , Ribonucleoside Biosynthetic Process

Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: as a liquid PBS, pH 7.4, with 0.1 % NaN₃.

Preservative: Sodium azide

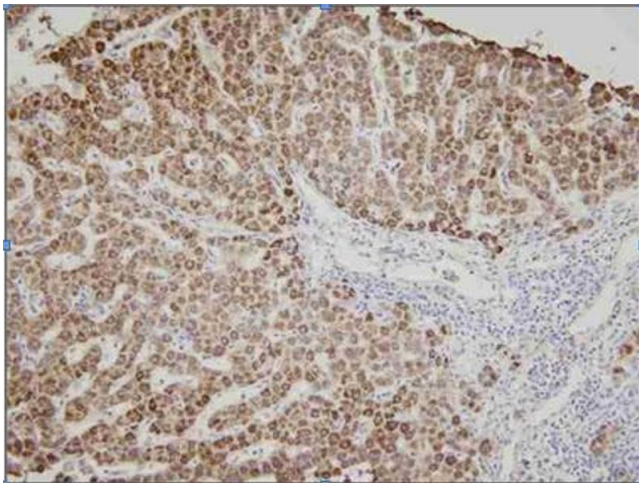
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles

Storage: -20 °C

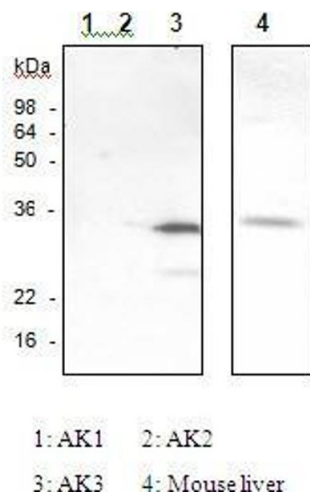
Storage Comment: Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage.

Validation report #103452 for Immunofluorescence (IF)



Immunohistochemistry

Image 1. Human liver tissue was nitrocelluloseubated with anti-human Ak3 (1:100) for 2 hours at room temperature. Slide was then washed in PBS, and was nitrocelluloseubated in avidin biosystem anti-rabbit labeled polymer for 30 min at RT. Enzyme detection was performed with DAB chromo-gen.



Western Blotting

Image 2. The recombinant human Ak isozymes (Ak1, Ak2, Ak3) and mouse liver were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-Ak3 antibody (1:1,000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.