

AK4 / Adenylate Kinase 4 / AK3L1 Antibody, Mouse MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 12406-MM08

GENERAL INFORMATION

Immunogen:	Recombinant Human AK4 / AK3L1 protein (Catalog#12406-H20B)
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human AK4 / AK3L1 (rh AK4 / AK3L1; Catalog#12406-H20B; P27144-1; Ala 2-Tyr 223). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG2a
Clone ID:	08
Specificity:	Human AK4 / AK3L1
	No cross-reactivity in ELISA with Insect cell lysate
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

APPLICATIONS

Applications:	WB,ELISA,IP
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RECOMMENDED CONCENTRATION

Western Blot	WB: 1:500-1:1000
Immunoprecipitation	IP: 0.2-1 µL/mg of lysate
ELISA	ELISA: 1:5000-1:10000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human AK4.

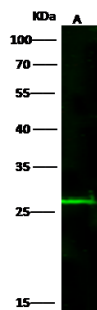
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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Anti-AK4 mouse monoclonal antibody at 1:500 dilution

Lane A: HepG2 Whole Cell Lysate

Lysates/proteins at 30 µg per lane.

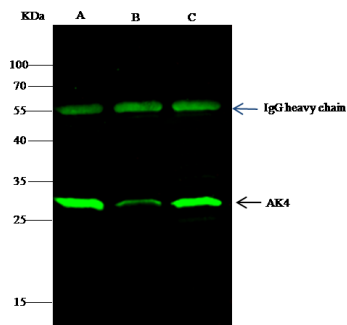
Secondary

Goat Anti-Mouse IgG H&L (Dylight800) at 1/15000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size: 26 kDa

Observed band size: 26 kDa



AK4 was immunoprecipitated using:

Lane A: 0.5 mg HepG2 Whole Cell Lysate

Lane B: 0.5 mg A549 Whole Cell Lysate

Lane C: 0.5 mg MCF-7 Whole Cell Lysate

0.5 µL anti-AK4 mouse monoclonal antibody
and 15 µL of 50 % Protein G agarose.

Primary antibody:

Anti-AK4 mouse monoclonal antibody, at 1:500 dilution

Secondary antibody:

Dylight 800-labeled antibody to Mouse IgG (H+L), at 1:7500 dilution

Developed using the odyssey technique.
Performed under reducing conditions.

Predicted band size: 26 kDa

Observed band size: 26 kDa