

Anti-FLAG Tag Antibody



Catalog Number: 101274-MM05

General Information	
Immunogen:	A synthetic peptide corresponding to the DYKDDDDK-tag sequence (CDYKDDDDK).
Clone ID:	05
Ig Type:	Mouse IgG2b
Applications:	WB, IP
Specificity:	Recognize N-terminal and C-terminal FLAG Tag in fusion proteins.
Formulation:	0.2 µm filtered solution in PBS

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, the synthetic peptide corresponding to the DYKDDDDK-tag sequence (CDYKDDDDK). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

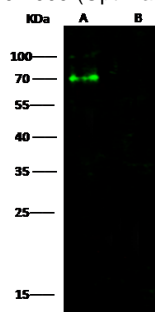
Storage

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.**

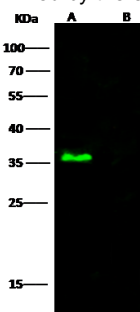
Applications

WB: 1:500-1000 (Optimal dilutions/concentrations should be determined by the end user.)



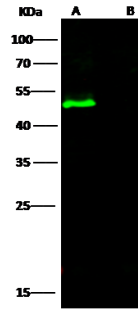
Anti-Flag Tag mouse monoclonal antibody at 1:100 dilution

Lane A: IL12A-Fch+IL27B-Fc-Flag transfected 293 cell lysate(5ug)
Lane B: Non-transfected 293 Cells lysate(5ug)



Anti-Flag Tag mouse monoclonal antibody at 1:100 dilution

Lane A: Fc-flag Transfected 293 cell lysate(5ug)
Lane B: Non-transfected 293 Cells lysate(5ug)



Anti-Flag Tag mouse monoclonal antibody at 1:1000 dilution

Lane A: Flag-SMYD3-His Transfected 293 cell lysate(2.5ug)
Lane B: Non-transfected 293 Cells lysate(2.5ug)

Secondary

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

Developed using the Odyssey technique.
Performed under reducing conditions.

Secondary

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

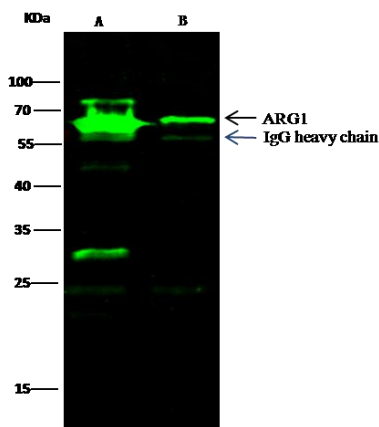
Developed using the Odyssey technique.
Performed under reducing conditions.

Secondary

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

Developed using the Odyssey technique.
Performed under reducing conditions.

IP: 0.1-0.5 µL/mg of lysate (Optimal dilutions/concentrations should be determined by the end user.)



Flag tag was immunoprecipitated using:

Lane A: 0.5 mg Flag-ARG1-GST transfected 293 Whole Cell Lysate
Lane B: 0.5 mg GST-ARG1-flag transfected 293 Whole Cell Lysate

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

Primary antibody:

Anti-Flag tag mouse monoclonal antibody, at 1:1000 dilution

Secondary antibody:

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

Developed using the odssey technique.
Performed under reducing conditions.

Predicted band size: 62 kDa
Observed band size: 62 kDa

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Fax :+86-10-58628220 • Tel:+86-400-890-9989 • <http://www.sinobiological.com>