

Beta-Actin Loading Control Antibody, Chimeric Rabbit MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 100166-MCR10

EliteRmab® is a registered trademark of Sino Biological Inc.

GENERAL INFORMATION

Immunogen:	A synthetic peptide corresponding to the N-terminus of the Human beta Actin / ACTB
Preparation	It is a chimeric monoclonal antibody combining the constant domains of the rabbit IgG molecule with mouse variable regions. The variable region was obtained from a mouse immunized with A synthetic peptide corresponding to the N-terminus of the Human beta Actin / ACTB. The antibody was produced using recombinant antibody technology.
Ig Type:	Rabbit IgG
Clone ID:	10
Specificity:	Human beta Actin / ACTB
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. Avoid repeated freeze-thaw cycles.

APPLICATIONS

Applications:	WB, IP
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RECOMMENDED CONCENTRATION

Western Blot	WB: 1:10000-1:100000
Immunoprecipitation	IP: 1-5 µL/mg of lysate

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

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

Tel: +86-400-890-9989 (Global), +1-215-583-7898 (USA), +49(0)6196 9678656 (Europe)

Website: <http://www.sinobiological.com>

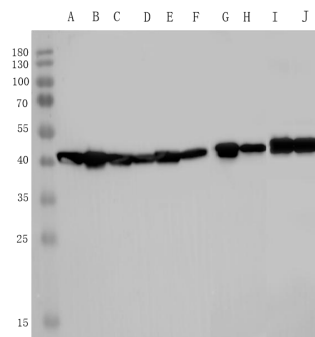
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Anti-beta-Actin rabbit monoclonal antibody at 1:20000 dilution

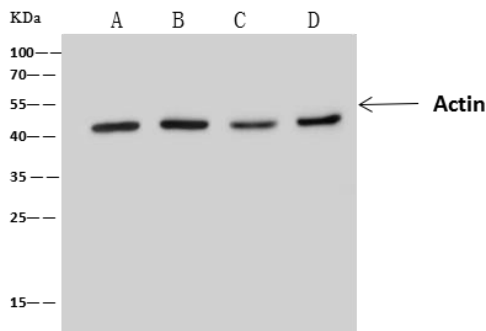
Lane A: Jurkat Whole Cell Lysate
Lane B: HeLa Whole Cell Lysate
Lane C: HepG2 Whole Cell Lysate
Lane D: A549 Whole Cell Lysate
Lane E: Mouse brain tissue lysate
Lane F: Mouse skeletal muscle tissue lysate
Lane G: Mouse kidney tissue lysate
Lane H: Rat brain tissue lysate
Lane I: Rat lung tissue lysate
Lane J: Rat kidney tissue lysate

Lysates/proteins at 30 µg per lane.

Secondary
Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.

Developed using the ECL technique.
Performed under reducing conditions.

Predicted band size: 42 kDa
Observed band size: 42 kDa



Lane A: 0.5 mg HeLa Whole Cell Lysate
Lane B: 0.5 mg Jurkat Whole Cell Lysate
Lane C: 0.5 mg MCF7 Whole Cell Lysate
Lane D: 0.5 mg A431 Whole Cell Lysate

4 µL anti-Actin rabbit monoclonal antibody and 60 µg of Immunomagnetic beads Protein A/G.

Primary antibody:
Anti-Actin rabbit monoclonal antibody, at 1:100 dilution

Secondary antibody:
Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution

Developed using the ECL technique.
Performed under reducing conditions.

Predicted band size: 43 kDa
Observed band size: 44 kDa

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