

MCAK Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_006836.1

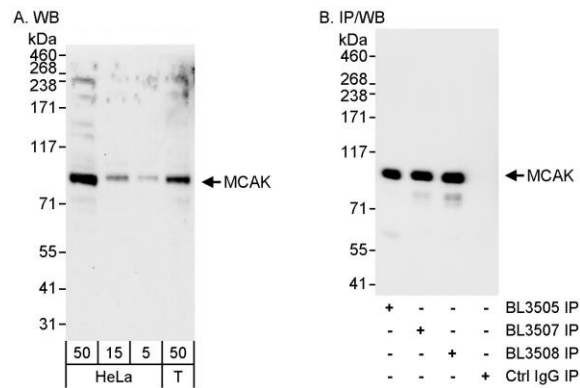
Catalog No. A300-807A

GeneID 11004

Lot No. A300-807A-1



APPLICATIONS	WB, IP				
SPECIES REACTIVITY	Human				
ISOTYPE	IgG				
AMOUNT	100 µl at 1 mg/ml				
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt				
PHYSICAL STATE	Liquid				
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide				
ORIGIN	USA				
PRODUCTION PROCEDURES	<p>Antibody was affinity purified using an epitope specific to MCAK immobilized on solid support.</p> <p>The epitope recognized by A300-807A maps to a region between residue 550 and 600 of human Mitotic Centromere-Associated Kinesin using the numbering given in entry NP_006836.1 (GeneID 11004).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>				
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:2,000 - 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>2 - 5 µg/mg lysate</td></tr></table>	Western Blot	1:2,000 - 1:10,000	Immunoprecipitation	2 - 5 µg/mg lysate
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APPLICATION NOTES	<p>Western blot of immunoprecipitates performed using ReliaBLOT® Reagents (Cat. No. WB120) and 4-8% SDS-PAGE.</p> <p>Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.</p>				
ADDITIONAL INFO	<p>http://www.bethyl.com/product/A300-807A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>				



Detection of human MCAK by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded) and 293T (T; 50 μ g) cells. *Antibodies:* Affinity purified rabbit anti-MCAK antibody BL3507 (Cat. No. A300-807A) used for WB at 0.4 μ g/ml (A) and 1 μ g/ml (B) and used for IP at 3 μ g/mg lysate (B). MCAK was also immunoprecipitated by rabbit anti-MCAK antibodies BL3505 (Cat. No. A300-806A) and BL3508 (Cat. No. A300-808A). *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).