

MKLP1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_004847.2

Catalog No. A300-010A

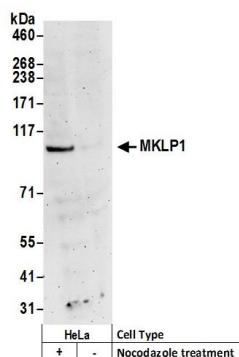
GeneID 9493

Lot No. A300-010A-3



APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Gorilla and Chimpanzee
AMOUNT	100 µl
CONCENTRATION	1000 µg/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
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	<p>Antibody was affinity purified using an epitope specific to MKLP1 immobilized on solid support.</p> <p>The epitope recognized by A300-010A maps to a region between residues 1 and 50 of human Mitotic Kinesin-Like 1 using the numbering given in entry NP_004847.2 (GeneID 9493).</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> <p>Western Blot 1:1,000 – 1:5,000</p> <p>Immunoprecipitation 1 – 10 µg/mg lysate</p>
APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A300-010A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human MKLP1 by western blot. *Samples:* Whole cell lysate (50 μ g) from HeLa cells treated with Nocodazole (+) or mock treated (-). *Antibody:* Affinity purified rabbit anti-MKLP1 antibody A300-010A (lot A300-010A-3) used for WB at 0.4 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.