

MMS21 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_775956.1

Catalog No. A304-129A

GeneID 286053

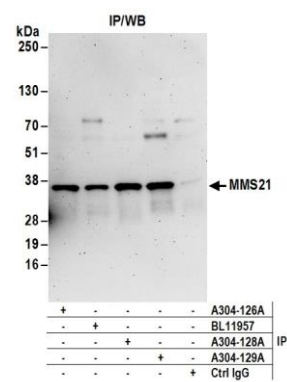
Lot No. A304-129A-1



APPLICATIONS	IP				
SPECIES REACTIVITY	Human				
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	Antibody was affinity purified using an epitope specific to MMS21 immobilized on solid support. The epitope recognized by A304-129A maps to a region between residue 197 to 247 of human Non-SMC Element 2 using the numbering given in entry NP_775956.1 (GeneID 286053). Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.				
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. <table><tr><td>Western Blot</td><td>Not recommended. A304-129A has not performed satisfactorily when used for WB of MMS21 in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of MMS21.</td></tr><tr><td>Immunoprecipitation</td><td>2 – 10 µg/mg lysate</td></tr></table>	Western Blot	Not recommended. A304-129A has not performed satisfactorily when used for WB of MMS21 in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of MMS21.	Immunoprecipitation	2 – 10 µg/mg lysate
Western Blot	Not recommended. A304-129A has not performed satisfactorily when used for WB of MMS21 in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of MMS21.				
Immunoprecipitation	2 – 10 µg/mg lysate				
APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).				
ADDITIONAL INFO	https://www.bethyl.com/product/A304-129A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB				

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 MMS21 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-MMS21 antibody A304-129A (lot A304-129A-1) used for IP at 6 µg/mg lysate. MMS21 was also immunoprecipitated by rabbit anti-MMS21 antibodies A304-126A, BL11957 and A304-128A. For blotting immunoprecipitated MMS21, A304-129A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.