## MOF/MYST1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID BAB13924.1

Catalog No. A300-993A GenelD 84148

Lot No. A300-993A-1

APPLICATIONS IP

SPECIES REACTIVITY Human

**PRESUMED REACTIVITY** Based on 100% sequence identity, this antibody is predicted to react with Mouse and Rat

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 Antibody was affinity purified using an epitope specific to MOF/MYST1 immobilized on solid

**PROCEDURES** support.

The epitope recognized by A300-993A maps to a region between residue 417 and the C-

terminus (residue 458) of human males absent on the first (MYST histone acetyltransferase 1)

using the numbering given in entry BAB13924.1 (GeneID 84148).

Immunoglobulin 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.

Western Blot Not recommended. Use rabbit anti-MOF/MYST1 antibody A300-992A.

Immunoprecipitation  $2 - 5 \mu g/mg$  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/A300-993A

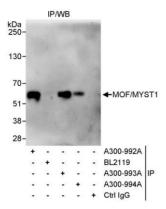
Use the link above to view SDS, a current list of citations, and other product specific information.

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 MOF/MYST1 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-MOF/MYST1 antibody A300-993A used for IP at 3 μg/mg lysate. MOF/MYST1 was also immunoprecipitated by rabbit anti-MOF/MYST1 antibodies A300-992A and A300-994A, which recognize upstream epitopes. For blotting immunoprecipitated MOF/MYST1, A300-992A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.