

MOF/MYST1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID BAB13924.1

Catalog No. A300-992A

GeneID 84148

Lot No. A300-992A-2



APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
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 MOF/MYST1 immobilized on solid support.

The epitope recognized by A300-992A maps to a region between residue 1 and 50 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 1:1,000 - 1:10,000

Immunoprecipitation 2 - 5 µg/mg lysate

Immunohistochemistry 1:500 - 1:2,000. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.

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).

Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

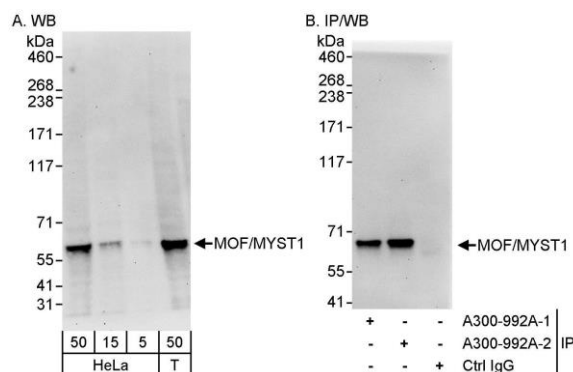
IHC HUMAN CONTROLS Breast Carcinoma, Ovarian Carcinoma

ADDITIONAL INFO <https://www.bethyl.com/product/A300-992A>

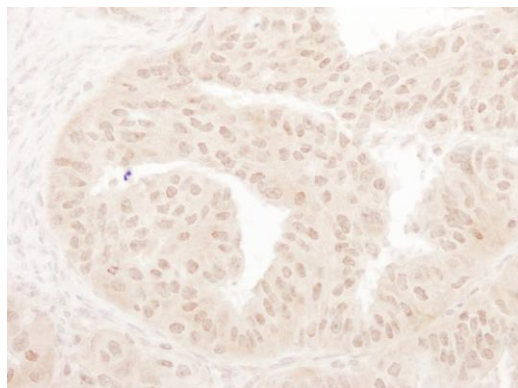
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

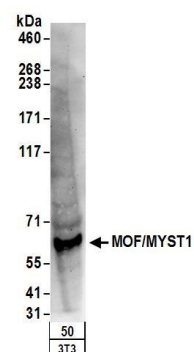
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human MOF/MYST1 by western blot 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 HEK293T (T; 50 μ g) cells. *Antibodies:* Affinity purified rabbit anti-MOF/MYST1 antibody A300-992A (lot A300-992A-2) 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). MOF/MYST1 was also immunoprecipitated by a previous lot (lot A300-992A-1) of this antibody. *Detection:* Chemiluminescence with exposure times of 30 seconds (A and B).



Detection of human MOF/MYST1 by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti-MOF/MYST1 (Cat. No. A300-992A Lot2) used at a dilution of 1:1,000 (1 μ g/ml). *Detection:* DAB



Detection of mouse MOF/MYST1 by western blot. *Samples:* Whole cell lysate (50 μ g) from NIH 3T3 cells. *Antibodies:* Affinity purified rabbit anti-MOF/MYST1 antibody A300-992A (lot A300-992A-2) used for WB at 0.4 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.