NMI Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A300-550A

Lot No. A300-550A-2

Protein ID NP_004679.1

GeneID 9111

APPLICATIONS	IP, IHC
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 NMI immobilized on solid support. The epitope recognized by A300-550A maps to a region between residues 1 and 50 of human N-myc and STAT interactor using the numbering given in entry NP_004679.1 (GeneID 9111). 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.

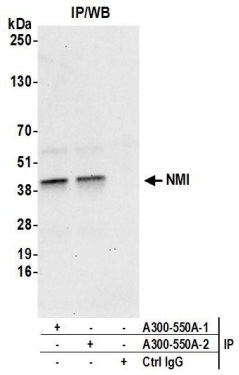
Western Blot	Not recommended. Use rabbit anti-NMI antibody A300-551A.
Immunoprecipitation	2 - 10 µg/mg lysate
Immunohistochemistry	1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

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).
IHC HUMAN CONTROLS	Ovarian Carcinoma
ADDITIONAL INFO	https://www.bethyl.com/product/A300-550A 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

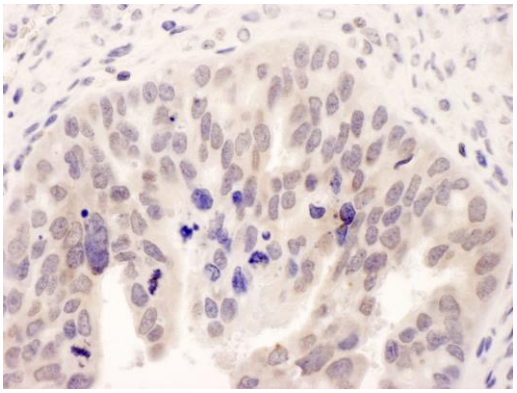
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



Detection of human NMI by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-NMI antibody A300-550A (lot A300-550A-2) used for IP at 6 µg per reaction. NMI was also immunoprecipitated by rabbit anti-NMI antibody A300-550A-1. For blotting immunoprecipitated NMI, A300-550A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human NMI by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti- NMI (Cat. No. A300-550A Lot2) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB