

# HdmX/MDM4 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_002384.2

Catalog No. A300-287A

GeneID 4194

Lot No. A300-287A-4



APPLICATIONS	WB, 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 HdmX/MDM4 immobilized on solid support.

The epitope recognized by A300-287A maps to a region between residues 125 and 175 of human ortholog of mouse double minute 4 using the numbering given in entry NP\_002384.2 (GeneID 4194).

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 – 1:5,000

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).

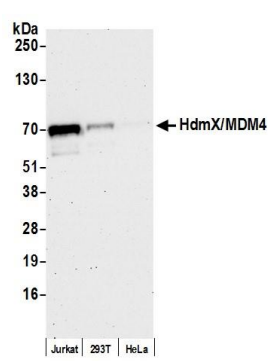
Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

**ADDITIONAL INFO** <https://www.bethyl.com/product/A300-287A>

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

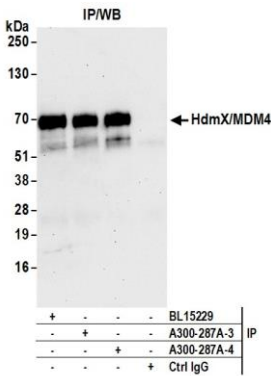
IP-western blot protocol: [https://www.bethyl.com/content/protocol\\_IP\\_WB](https://www.bethyl.com/content/protocol_IP_WB)

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 24, 2019



**Detection of human HdmX/MDM4 by western blot.**

*Samples:* Whole cell lysate (50 µg) from Jurkat, HEK293T, and HeLa cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-HdmX/MDM4 antibody A300-287A (lot A300-287A-3) used for WB at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.



**Detection of human HdmX/MDM4 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-HdmX/MDM4 antibody A300-287A (lot A300-287A-4) used for IP at 6 µg per reaction. HdmX/MDM4 was also immunoprecipitated by a previous lot of this antibody (lot A300-287A-3) and rabbit anti-HdmX/MDM4 antibody BL15229. For blotting immunoprecipitated HdmX/MDM4, A300-287A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.