

HdmX/MDM4 Recombinant Monoclonal Antibody [BL-3-2F2]

Rabbit Recombinant Monoclonal

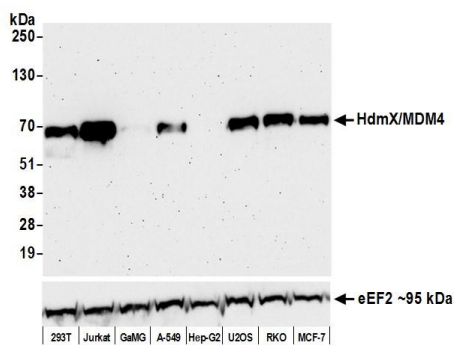
Purified		RefSeq ID	NP_002384.2
Catalog No.	A700-000	Uniprot ID	O15151
Lot No.	3	GeneID	4194

APPLICATIONS	WB, IP, Flow Cyt, SW-Size
SPECIES REACTIVITY	Human
AMOUNT	100 µl (10 blots)
CONCENTRATION	100 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
CLONE #	BL-3-2F2
ORIGIN	USA
PRODUCTION PROCEDURES	Cell culture supernatant was harvested from mammalian cells expressing recombinant rabbit monoclonal antibody. The epitope recognized by A700-000 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).

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 1:1000 Immunoprecipitation 20 µl/mg lysate Flow Cytometry Fixed and permeabilized cells were stained with 2 µl per 1 x 10 ⁶ cells. Simple Western™-Size 1:10 – 1:250
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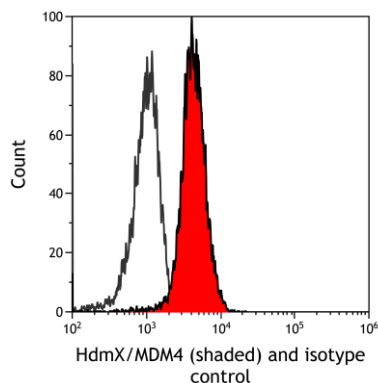
ADDITIONAL INFO	https://www.fortislifesciences.com/p/A700-000 Use the link above to view SDS, a current list of citations, and other product specific information.
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This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: April 12, 2023

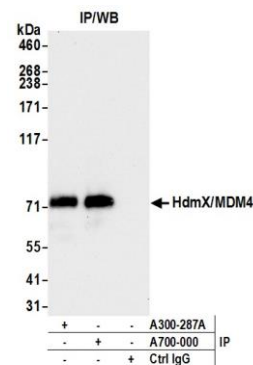
**Detection of human HdmX/MDM4 by western blot.**

Samples: Whole cell lysate (50 µg) from HEK293T, Jurkat, GaMG, A-549, Hep-G2, U2OS, RKO, and MCF-7 cells prepared using NETN lysis buffer. **Antibody:** Rabbit anti-HdmX/MDM4 recombinant monoclonal antibody [BL-3-2F2] (A700-000 lot 3) used at 1:1000. **Secondary:** HRP-conjugated goat anti-rabbit IgG (A120-101P).

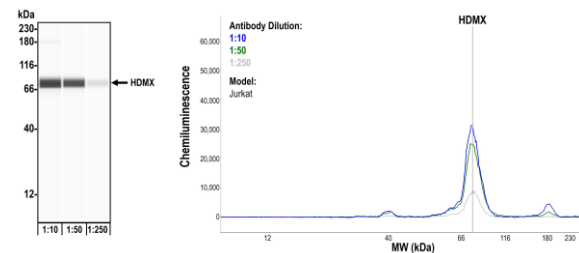
Detection: Chemiluminescence with an exposure time of 3 minutes.



Detection of human HdmX/MDM4 (shaded) in Jurkat cells by flow cytometry. **Antibody:** Rabbit anti-HdmX/MDM4 recombinant monoclonal [BL-3-2F2] (A700-000 lot 3) or isotype control (unshaded). **Secondary:** DyLight® 488-conjugated goat anti-rabbit IgG (A120-101D2).

**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:** Rabbit anti-HdmX/MDM4 recombinant monoclonal antibody [BL-3-2F2] (A700-000 lot 3) used for IP at 20 µl/mg lysate. HdmX/MDM4 was also immunoprecipitated by rabbit anti-HdmX/MDM4 antibody A300-287A. For blotting immunoprecipitated HdmX/MDM4, A700-000 was used at 1:1000. **Detection:** Chemiluminescence with an exposure time of 10 seconds.

**Detection of human HdmX/MDM4 by Simple Western™.**

Samples: Whole cell lysate (0.4 mg/mL) from Jurkat cells prepared using NETN lysis buffer. **Antibody:** Rabbit anti-HdmX/MDM4 recombinant monoclonal antibody [BL-3-2F2] (A700-000) used at 1:10, 1:50, 1:250. **Separation and Detection:** SallySue ProteinSimple instrument with the 12-230 kDa separation module and anti-Rabbit detection module. Left Panel: Virtual Lane View. Right Panel: Electropherogram.