

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

Rabbit Recombinant Monoclonal

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

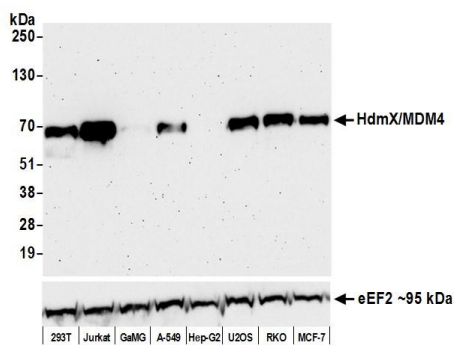
APPLICATIONS	WB, IP, Flow Cyt, SW-Size
SPECIES REACTIVITY	Human
AMOUNT	20 µl (2 blots)
CONCENTRATION	100 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
CLONE #	BL-3-2F2
ORIGIN	USA
PRODUCTION PROCEDURES	Cell culture supernatant was harvested from mammalian cells expressing recombinant rabbit monoclonal antibody.

The epitope recognized by A700-000-T 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

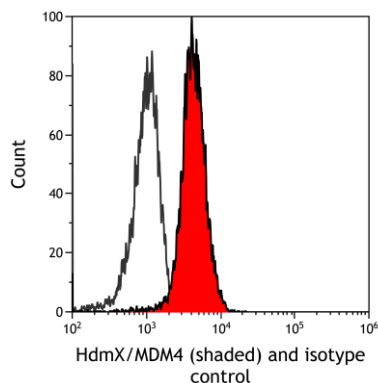
ADDITIONAL INFO <https://www.fortislifesciences.com/p/A700-000-T>
Use the link above to view SDS, a current list of citations, and other product specific information.

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

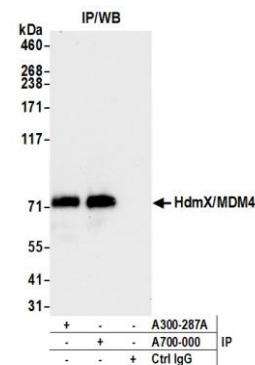
**Detection of human HdmX/MDM4 by western blot.**

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-T lot 3) used at 1:1000. **Secondary:** HRP-conjugated goat anti-rabbit IgG (A120-101P).

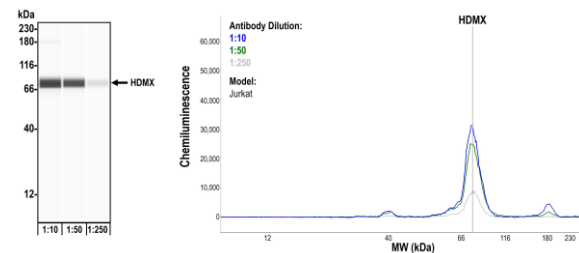
Detection: Chemiluminescence with an exposure time of 3 minutes.



Detection of human HdmX/MDM4 (shaded) in Jurkat cells by flow cytometry. **Antibody:** Rabbit anti-HdmX/MDM4 recombinant monoclonal [BL-3-2F2] (A700-000-T 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-T 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-T 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.