

# 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.	4	GeneID	4194

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<b>APPLICATIONS</b>	WB, IP, Flow Cyt, SW-Size
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	100 µl (10 blots)
<b>CONCENTRATION</b>	100 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>CLONE #</b>	BL-3-2F2
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	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).

<b>APPLICATIONS</b>	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 <sup>6</sup> cells.
	Simple Western™-Size 1:10 - 1:250

**APPLICATION NOTES** All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight.

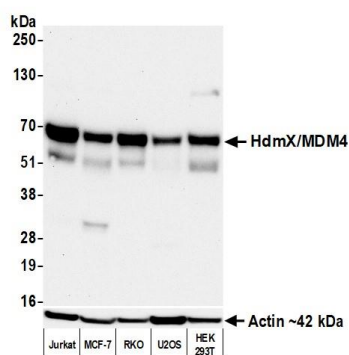
Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody (Cat. No. A120-101P).

Western blots of immunoprecipitates are performed using Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) with 5% Normal Pig Serum (Cat. No. S100-020) added to the blocking buffer.

**ADDITIONAL INFO** <https://www.fortislifecom.com/p/A700-000>

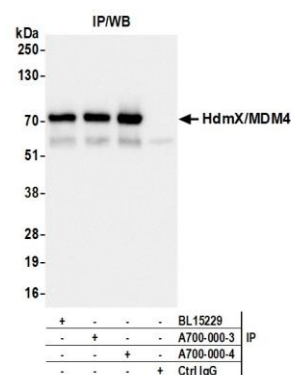
Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: March 28, 2024



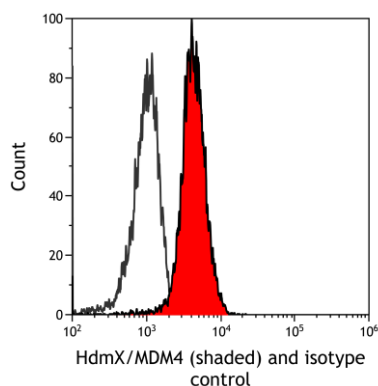
#### Detection of human HdmX/MDM4 by western blot.

**Samples:** Whole cell lysate (50 µg) from Jurkat, MCF-7, RKO, U2OS, and HEK293T cells prepared using NETN lysis buffer. **Antibody:** Rabbit anti-HdmX/MDM4 recombinant monoclonal antibody [BL-3-2F2] (A700-000 lot 4) used at 1:1000. **Secondary:** HRP-conjugated goat anti-rabbit IgG (A120-101P). **Detection:** Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).

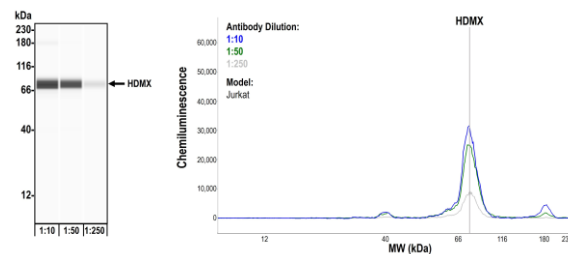


#### Detection of human HdmX/MDM4 by western blot of immunoprecipitates.

**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 4) used for IP at 20 µl/mg lysate. HdmX/MDM4 was also immunoprecipitated by a previous lot of this antibody (A700-000 lot 3) and a second antibody against a different epitope of HdmX/MDM4 (BL15229). 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 (shaded) in Jurkat cells by flow cytometry.** **Antibody:** Rabbit anti-HdmX/MDM4 recombinant monoclonal [BL-3-2F2] (A700-000) or isotype control (unshaded). **Secondary:** DyLight® 488-conjugated goat anti-rabbit IgG (A120-101D2).



#### 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.