

Anti-MDMX/MDM4 antibody [BL-3-2F2] ab243859

重组

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概述

产品名称	Anti-MDMX/MDM4抗体[BL-3-2F2]
描述	兔单克隆抗体[BL-3-2F2] to MDMX/MDM4
宿主	Rabbit
经测试应用	适用于: WB, IP
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human MDMX/MDM4 aa 125-175. The exact sequence is proprietary. NP_002384.2 and Gene ID 4194. Database link: <a href="#">O15151</a>
阳性对照	WB: Jurkat, 293T, HeLa and A549 cell lysates. IP: Jurkat cell lysate.
常规说明	This product is sold under License from Bethyl Laboratories, Inc.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.8 Preservative: 0.09% Sodium azide Constituents: 98% Borate buffered saline, 0.1% BSA
纯度	Tissue culture supernatant
纯化说明	Cell culture supernatant was harvested from mammalian cells expressing recombinant rabbit monoclonal antibody.
克隆	单克隆
克隆编号	BL-3-2F2
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab243859于以下的经测试应用

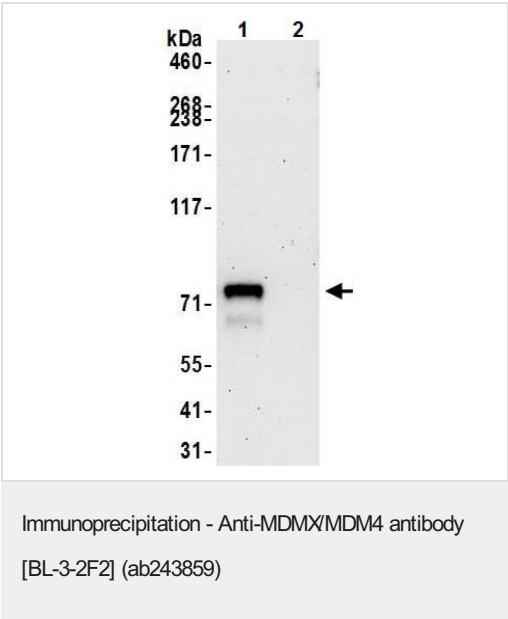
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000.
IP		Use at an assay dependent concentration. Use 20µg/mg lysate.

靶标

功能	Inhibits p53/TP53- and TP73/p73-mediated cell cycle arrest and apoptosis by binding its transcriptional activation domain. Inhibits degradation of MDM2. Can reverse MDM2-targeted degradation of TP53 while maintaining suppression of TP53 transactivation and apoptotic functions.
组织特异性	Expressed in all tissues tested with high levels in thymus.
序列相似性	Belongs to the MDM2/MDM4 family. Contains 1 RanBP2-type zinc finger. Contains 1 RING-type zinc finger. Contains 1 SWIB domain.
结构域	Region I is sufficient for binding TP53 and inhibiting its G1 arrest and apoptosis functions. It also binds TP73. Region II contains most of a central acidic region and a putative C4-type zinc finger. The RING finger domain which coordinates two molecules of zinc mediates the heterooligomerization with MDM2.
翻译后修饰	Ubiquitinated. Deubiquitinated by USP2; leading to stabilize it.
细胞定位	Nucleus.

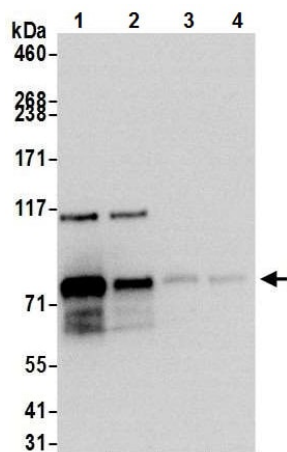
图片



MDMX/MDM4 was immunoprecipitated from Jurkat (human T cell leukemia cell line from peripheral blood) whole cell lysate (1 mg per IP reaction; 20% of IP loaded) using ab243859 at 20µg/mL. Western blot was performed from the immunoprecipitate using ab243859 at 1/100 dilution.

**Lane 1:** ab243859 IP in Jurkat whole cell lysate.  
**Lane 2:** Control IgG IP.

Chemiluminescence with an exposure time of 75 seconds.



Western blot - Anti-MDMX/MDM4 antibody [BL-3-2F2] (ab243859)

**All lanes :** Anti-MDMX/MDM4 antibody [BL-3-2F2] (ab243859)

**Lane 1 :** Jurkat cell lysate

**Lane 2 :** 293T cell lysate

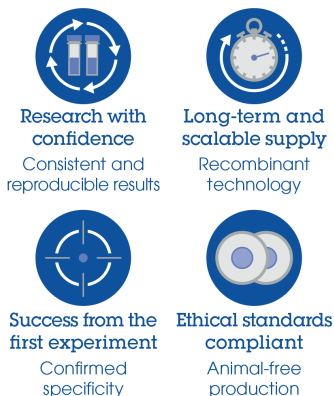
**Lane 3 :** HeLa cell lysate

**Lane 4 :** A549 cell lysate

#### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**)

#### Why choose a recombinant antibody?



Anti-MDMX/MDM4 antibody [BL-3-2F2] (ab243859)

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