

Code No. 10201

**Anti-Human  
MDMX (77A1) Mouse IgG MoAb**Volume : 100 µg

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**Introduction** : The p53 tumor suppressor protein is stabilized in response to cellular stress, resulting in activation of genes responsible for either cell cycle arrest or apoptosis. The cellular pathway for releasing normal cells from p53- dependent cell cycle arrest involves the MDM2 protein. Recently, a p53- binding protein with homology to MDM2 was identified and called MDMX. Like MDM2, MDMX is able to bind p53 and inhibit p53 transactivation. It is proposed that the MDMX protein may function to maintain a nuclear pool of p53 protein in undamaged cells.

**Antigen** : Human MDMX Recombinant protein

**Source** : Mouse-Mouse hybridoma (Supernatant)

**Clone** : 77A1                      **Subclass** : IgG<sub>1</sub>

**Purification** : Affinity purified with Protein A

**Form** : Lyophilized product from 1 % BSA in PBS containing 0.05 % NaN<sub>3</sub>

**How to use** : 1.0 mL deionized water will be added to the product, then its concentration comes to 100 µg/mL

**Stability** : Lyophilized product, 5 years at 2 - 8 °C  
: Solution, 2 years at -20 °C

**Application** : This antibody can be used for western blotting in concentration of 1 - 5 µg/mL  
: Not tested in application for immunohistochemistry.

**Reference** : 1. Shvarts A, Steegenga WT, Riteco N, van Laar T, Dekker P, Bazuine M, van Ham RC, van der Houven van Oordt W, Hateboer G, van der Eb AJ, Jochemsen AG. MDMX: a novel p53-binding protein with some functional properties of MDM2. EMBO J. 1996 Oct 1;15(19):5349-57.  
2. Jackson MW, Berberich SJ. MdmX protects p53 from Mdm2-mediated degradation. Mol Cell Biol. 2000 Feb;20(3):1001-7.

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