

Mouse MX1 Monoclonal Antibody | anti-MX1 antibody

MX1 antibody

CATALOG #	HOST	APPLICATIONS
AAA107461	Mouse	Western Blot, Immunofluorescence

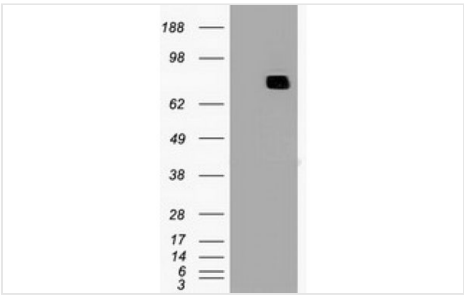
PRODUCT SYNONYMS

MX1; Monoclonal Antibody; MX1 antibody; Monoclonal MX1; Anti-MX1; Myxovirus; IFI-78K; IFI78; MX; MxA; Influenza Virus Resistance 1 Interferon-Inducible Protein P78; MX 1; MX-1; anti-MX1 antibody

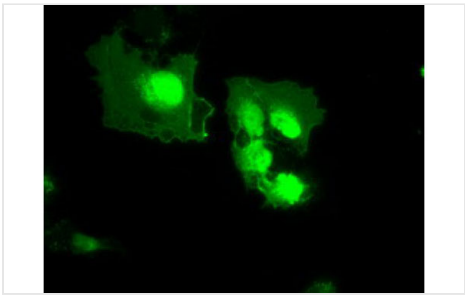
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2G12
Purity/Purification	MX1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	662
Applicable Applications for anti-MX1 antibody	WB (Western Blot), IF (Immunofluorescence)
Biological Significance	In mouse, the interferon-inducible Mx protein is responsible for a specific antiviral state against influenza virus infection. MX1 is similar to the mouse protein as determined by its antigenic relatedness, induction conditions, physicochemical properties, and amino acid analysis. This cytoplasmic protein is a member of both the dynamin family and the family of large GTPases. In mouse, the interferon-inducible Mx protein is responsible for a specific antiviral state against influenza virus infection.
Cross-Reactivity	Human
Immunogen	MX1 antibody was raised in mouse using a full length recombinant protein of human MX1 (NP_002453) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant MX1 protein (Right) or empty vector (Left) detected with MX1 antibody



IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant MX1 protein using MX1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-MX1 antibody	Mouse monoclonal MX1 antibody
Product Categories/Family for anti-MX1 antibody	Infectious Disease

NCBI AND UNIPROT INFORMATION

NCBI GI #	222136617
NCBI GeneID	4599
NCBI Accession #	NP_002453
NCBI GenBank Nucleotide #	NM_002462.3
UniProt Accession #	P20591; Q86YP5; Q96CI3; B2RDA5; B3KU10; C9IYV7; C9J8D6; C9JN19; C9JN88; C9JUL1; C9JZS6; D3DSI8
Molecular Weight	55,661 Da
NCBI Official Full Name	interferon-induced GTP-binding protein Mx1 isoform a
NCBI Official Synonym Full Names	MX dynamin-like GTPase 1
NCBI Official Symbol	MX1
NCBI Official Synonym Symbols	MX; MxA; IFI78; IFI-78K
NCBI Protein Information	interferon-induced GTP-binding protein Mx1
UniProt Protein Name	Interferon-induced GTP-binding protein Mx1
UniProt Gene Name	MX1
UniProt Synonym Gene Names	IFI-78K
UniProt Entry Name	MX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.