



## Rabbit Anti-MX1 + MX2 antibody

SL10061R

<b>Product Name:</b>	MX1 + MX2
<b>Chinese Name:</b>	Interferon诱导蛋白P78抗体
<b>Alias:</b>	IFI78; N-terminally processed; Human interferon regulated resistance GTP binding protein MXA; IFI 78; IFI 78K; IFI-78K; IFI78; IFI78K; Interferon induced GTP binding protein Mx1; Interferon induced protein p78; Interferon inducible protein p78; Interferon regulated resistance GTP binding protein; Interferon regulated resistance GTP binding protein MxA; Interferon-induced GTP-binding protein Mx1; Interferon-induced protein p78; Interferon-regulated resistance GTP-binding protein MxA; MX 1; MX; MX1; MX1_HUMAN; MxA; Myxoma resistance protein 1; Myxovirus (influenza virus) resistance 1 interferon inducible; Myxovirus (influenza virus) resistance 1 interferon inducible protein p78; Myxovirus (influenza) resistance 1 homolog of murine; Myxovirus resistance protein 1; Interferon induced GTP binding protein Mx2; Interferon regulated resistance GTP binding protein MXB; Interferon-induced GTP-binding protein Mx2 antibody Interferon-regulated resistance GTP-binding protein MxB; MX 2; Mx2; MX2_HUMAN; MXB; Myxovirus (influenza virus) resistance 2; Myxovirus resistance 2; Myxovirus resistance protein 2; p78 related protein; p78-related protein; Second interferon induced protein p78.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	73/79kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human IFI78/MX1:301-400/662
<b>Lsotype:</b>	IgG

<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>The Dynamin family of microtubule-associated proteins function as GTPases that are involved in microtubule bundling and endocytosis. In mice, Mx2 (myxovirus resistance protein 2) and Mx1 (myxovirus resistance protein 1) are members of the Dynamin family that are involved in the immune response to viral infections. Localized to the cytoplasm, Mx2 contains one GED domain and is expressed in response to viral infection or treatment by IFN-alpha/IFN-beta. Once expression is induced, Mx2 accumulates in the cytoplasm and inhibits the replication of vesicular stomatitis virus (VSV), thereby conferring resistance to VSV infection. Unlike Mx2, Mx1 is localized to the nucleus where, upon induction by IFN-alpha/IFN-beta, it provides selective resistance to infection by the highly lethal H5N1 influenza virus. In humans, MxA and MxB function in a similar manner to Mx1 and Mx2, conferring resistance to specific target viruses. Mx3 is a rat-specific member of the myxovirus resistance protein family.</p> <p><b>Function:</b> May regulate the calcium channel activity of TRPCs. Shows activity against influenza virus and VSV, a rhabdovirus.</p> <p><b>Subunit:</b> Interacts with TRPC1, TRPC3, TRPC4, TRPC5, TRPC6 and TRPC7.</p> <p><b>Subcellular Location:</b> Cytoplasm.</p> <p><b>Similarity:</b> Belongs to the dynamin family. Contains 1 GED domain.</p> <p><b>SWISS:</b> P20591</p> <p><b>Gene ID:</b> 4599</p> <p><b>Database links:</b> <a href="#">Entrez Gene: 4599</a>Human <a href="#">Entrez Gene: 4600</a>Human <a href="#">Omim: 147150</a>Human</p>

[Oimim: 147890](#)Human

[Unigene: 517307](#)Human

[Unigene: 926](#)Human

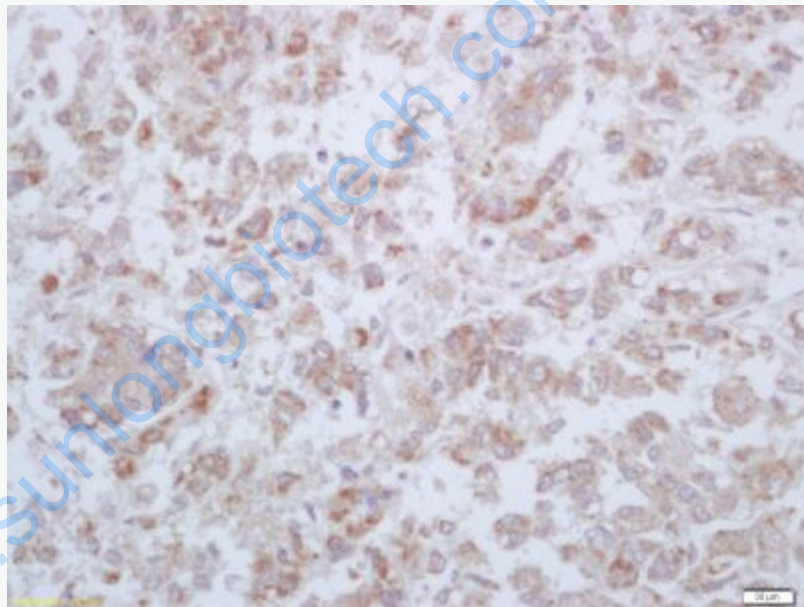
[SwissProt: P20592](#)Human

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**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Picture:**



Tissue/cell: human liver carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-MX1+MX2 Polyclonal Antibody, Unconjugated(SL10061R)

1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-

	0023) and DAB(C-0010) staining
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