

Datasheet for ABIN7156642

anti-MX1 antibody (AA 7-172) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	MX1
Binding Specificity:	AA 7-172
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MX1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Interferon-induced GTP-binding protein Mx1 protein (7-172AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MX1
Alternative Name:	MX1 (MX1 Products)
Background:	Background: Interferon-induced dynamin-like GTPase with antiviral activity against a wide range of RNA viruses and some DNA viruses. Its target viruses include negative-stranded RNA viruses

Target Details

and HBV through binding and inactivation of their ribonucleocapsid. May also antagonize reoviridae and asfarviridae replication. Inhibits thogoto virus (THOV) replication by preventing the nuclear import of viral nucleocapsids. Inhibits La Crosse virus (LACV) replication by sequestering viral nucleoprotein in perinuclear complexes, preventing genome amplification, budding, and egress. Inhibits influenza A virus (IAV) replication by decreasing or delaying NP synthesis and by blocking endocytic traffic of incoming virus particles. Enhances ER stress-mediated cell death after influenza virus infection. May regulate the calcium channel activity of TRPCs.

Aliases: Human interferon regulated resistance GTP binding protein MXA antibody, IFI 78 antibody, IFI 78K antibody, IFI-78K antibody, IFI78 antibody, IFI78K antibody, Interferon induced GTP binding protein Mx1 antibody, Interferon induced protein p78 antibody, Interferon inducible protein p78 antibody, Interferon regulated resistance GTP binding protein antibody, Interferon regulated resistance GTP binding protein MxA antibody, Interferon-induced GTP-binding protein Mx1 antibody, Interferon-induced protein p78 antibody, Interferon-regulated resistance GTP-binding protein MxA antibody, MX 1 antibody, MX antibody, MX dynamin-like GTPase 1 antibody, MX1 antibody, MX1_HUMAN antibody, MxA antibody, Myxoma resistance protein 1 antibody, Myxovirus (influenza virus) resistance 1 interferon inducible antibody, Myxovirus (influenza virus) resistance 1 interferon inducible protein p78 antibody, Myxovirus (influenza) resistance 1 homolog of murine antibody, Myxovirus resistance 1, mouse, homolog of antibody, Myxovirus resistance protein 1 antibody, N-terminally processed antibody

UniProt: [P20591](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.