

Rabbit anti-Human MX2 Polyclonal Antibody | anti-MX2 antibody

MX2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234588	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

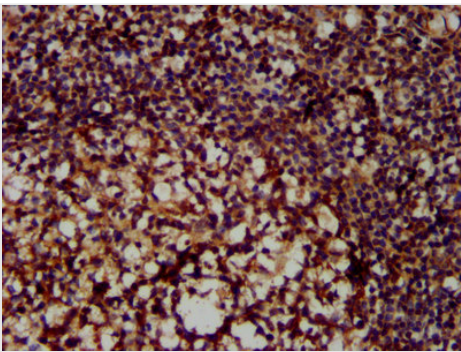
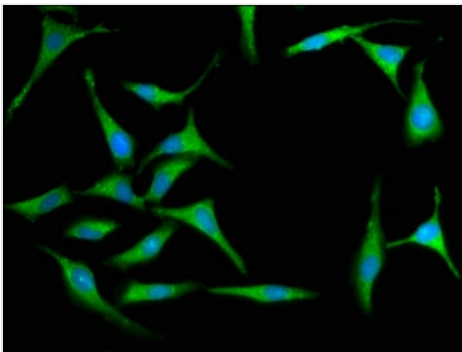
PRODUCT SYNONYMS

MX2; Polyclonal Antibody; MX2 Antibody; Interferon-induced GTP-binding protein Mx2; Interferon-regulated resistance GTP-binding protein MxB; Myxovirus resistance protein 2; p78-related protein; anti-MX2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	715
Applicable Applications for anti-MX2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Interferon-induced GTP-binding protein Mx2 protein (548-688AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Research Area	Immunology
Species	Homo sapiens (Human)
Target Names	MX2
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA234588 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).

IHC (Immunohistochemistry)

IHC image of AAA234588 diluted at 1:300 and staining in paraffin-embedded human tonsil tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-MX2 antibody	Interferon-induced dynamin-like GTPase with potent antiviral activity against human immunodeficiency virus type 1 (HIV-1). Acts by targeting the viral capsid and affects the nuclear uptake and/or stability of the HIV-1 replication complex and the subsequent chromosomal integration of the proviral DNA. Exhibits antiviral activity also against simian immunodeficiency virus (SIV-mnd). May play a role in regulating nucleocytoplasmic transport and cell-cycle progression.
Product Categories/Family for anti-MX2 antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	11342664
NCBI GeneID	4600
NCBI Accession #	NP_002454.1
NCBI GenBank Nucleotide #	NM_002463.1
UniProt Accession #	P20592; B7Z5D3; D3DSI7
NCBI Official Full Name	interferon-induced GTP-binding protein Mx2
NCBI Official Synonym Full Names	MX dynamin like GTPase 2
NCBI Official Symbol	MX2
NCBI Official Synonym Symbols	MXB
NCBI Protein Information	interferon-induced GTP-binding protein Mx2
UniProt Protein Name	Interferon-induced GTP-binding protein Mx2
UniProt Gene Name	MX2

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.