

Datasheet for ABIN7156645
anti-MX2 antibody (AA 548-688)



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2 Images

Overview

Quantity:	100 µg
Target:	MX2
Binding Specificity:	AA 548-688
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MX2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Interferon-induced GTP-binding protein Mx2 protein (548-688AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MX2
Alternative Name:	MX2 (MX2 Products)
Background:	Background: 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

Target Details

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.

Aliases: Interferon induced GTP binding protein Mx2 antibody, Interferon regulated resistance GTP binding protein MXB antibody, Interferon-induced GTP-binding protein Mx2 antibody, Interferon-regulated resistance GTP-binding protein MxB antibody, MX 2 antibody, MX dynamin like GTPase 2 antibody, Mx2 antibody, MX2_HUMAN antibody, MXB antibody, Myxovirus (influenza virus) resistance 2 antibody, Myxovirus resistance 2 antibody, Myxovirus resistance protein 2 antibody, p78 related protein antibody, p78-related protein antibody, Second interferon induced protein p78 antibody

UniProt: [P20592](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

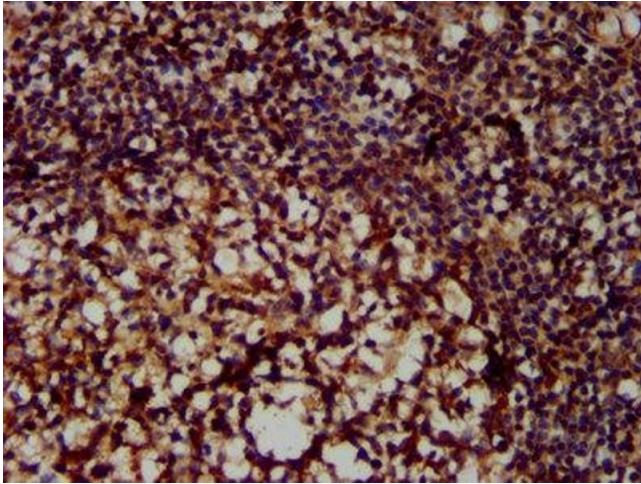
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

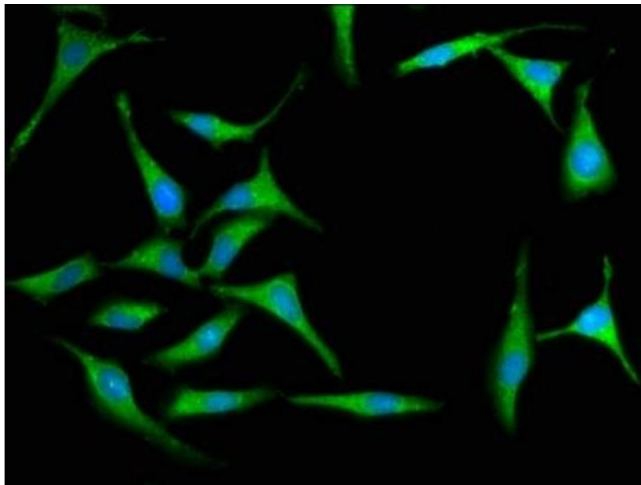
Storage: -20 °C,-80 °C

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



Immunohistochemistry

Image 1. IHC image of ABIN7156645 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°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of HeLa cells with ABIN7156645 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°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).