Product Name: MX1 Rabbit Monoclonal Antibody
Catalog #: AMRe21071
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IF,IP,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	IHC 1:200-1:1000;WB 1:1000-1:5000;IF 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200;
Molecular Weight	Calculated MW:76kD;Observed MW:76kD

Antigen Information

Gene Name	MX1
Alternative Names	
Gene ID	4599.0
SwissProt ID	P20591
Immunogen	A synthetic peptide of human MX1

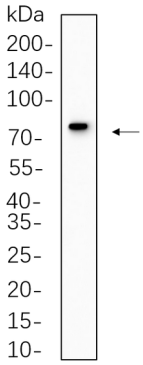
Background

Cell localization:Cytoplasm . Endoplasmic reticulum membrane ; Peripheral membrane protein ; Cytoplasmic side. Cytoplasm, perinuclear region . Binds preferentially to negatively charged phospholipids (PubMed:21900240). Colocalizes with CCHFV protein N in the perinuclear region (PubMed:15047845). .; [Isoform 2]: Cytoplasm . Nucleus . Translocates into the nuclei of

HSV-1 infected cells (PubMed:20603636). ..This gene encodes a guanosine triphosphate (GTP)-metabolizing protein that participates in the cellular antiviral response. The encoded protein is induced by type I and type II interferons and antagonizes the replication process of several different RNA and DNA viruses. There is a related gene located adjacent to this gene on chromosome 21, and there are multiple pseudogenes located in a cluster on chromosome 4. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013],

Research Area

Image Data



A549 cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with MX1 Rabbit Monoclonal Antibody 1:1000. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.