

MX1 (AB2012) Rabbit mAb

M3343

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, IP, ELISA

MW

- 76 kDa (calculated)
- 76 kDa (observed)

Isotype

- IgG

Recommended Dilution Ratios

Application

WB, IHC, IF, IP, ELISA

Dilution

WB, 1:1000-1:5000 | IHC, 1:200-1:1000 | IF, 1:200-1:1000 | IP, 0.5 µg-4 µg antibody for 200 µg-400 µg extracts of whole cells. | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB2012
Immunogen	Recombinant protein (or fragment). This information is considered to be commercially sensitive.
Specificity	This antibody detects endogenous levels of MX1 protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	MX1		
Protein Name	MX1		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P20591	4599

Background	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],
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