

MX1

Reactivity: Human Mouse

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 76kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human MX1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

b

Synonym:

MX; MxA; IFI78; IFI-78K;

Catalog #: A1780

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 4599

Isotype: IgG

Swiss Prot: P20591

Purity: Affinity purification

For research use only.

Background:

Mx1 (also known as MxA) is a GTPase that belongs to the Mx family of proteins, which are ubiquitous in eukaryotes and involved in the immune response to viral infections. The human Mx1 is localized in the cytoplasm interfering with the translation of viral proteins, whereas the mouse Mx1 accumulates in the nucleus and inhibits the primary transcription of viral RNA. Mx1 expression is induced by treatment with / interferon (INF). This antibody can recognize the endogenous Mx1 protein in several tissues like lung and spleen.

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