

## MX1

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**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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