

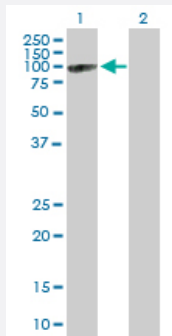
MaxPab®

## MX2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004600-B01P

Size 50 ug

### Applications

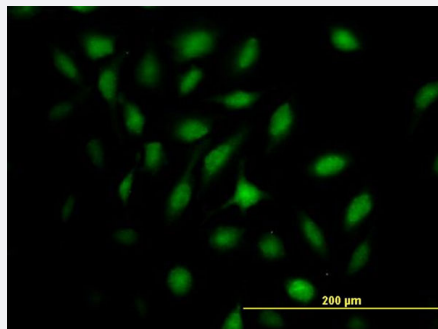


#### Western Blot (Transfected lysate)

Western Blot analysis of MX2 expression in transfected 293T cell line ([H00004600-T01](#)) by MX2 MaxPab polyclonal antibody.

Lane 1: MX2 transfected lysate (79.75 kDa).

Lane 2: Non-transfected lysate.



#### Immunofluorescence

Immunofluorescence of purified MaxPab antibody to MX2 on HeLa cell. [antibody concentration 10 ug/ml]

### Specification

#### Product Description

Mouse polyclonal antibody raised against a full-length human MX2 protein.

#### Immunogen

MX2 (AAH35293, 1 a.a. ~ 715 a.a) full-length human protein.

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sequence</b>                | MSKAHKPWPYRRRSQFSSRKYLKKEMNSFQQQPPFPGTVPPQMMFPPNWQGAEKDAAFLAK<br>DFNFLTLNNQPPPGNRSQPRAMGPENNLYSQYEQKVRPCIDLIDSLRALGVEQDLALPAIAVIGDQ<br>SSGKSSVLEALSGVALPRGSGVTRCPLVLKLLKKQPCEAWAGRISYRNTELELQDPGQVEKEIHK<br>AQNVLMAGNGRGISHELISLEITSPEVPDLTIIDLPGITRVAVDNQPRDIGLQIKALIKKYIQRQQTINLVV<br>VPCNVDIATTEALSMAHEVDPEGDRITIGILTKPDLMDRGTEKSVMNVVRNLTYPLKKGYMVKCRG<br>QQEITNRLSLAEATKKEITFFQTHPYFRVLLEEGSATVPRLAERLTTELIMHIQKSLPLEGGQIRESHQ<br>KATEELRRCGADIPSQEADKMFFLIEKIKMFNQDIEKLVEGEEVVRENETRLYNKIREDFKNWVGIL<br>ATNTQKVKNIIHEEVEKEYEKQYRGKELLGFVNYKTFEIVHQYIQQLVEPALSMQLQKAMEIIQQAFINV<br>AKKHFGEFFNLNQTVQSTIEDIKVKHTAKAENMIQLQFRMEQMVFCQDQYSVVLKKVREEIFNPL<br>GTPSQNMKLNSHFPSNESSVSSFTEIGIHLNAYFLETSKRLANQIPFIQYFMLRENGDSLQKAMMQI<br>LQEKNRYSWLLQEQSETATKRRILKERIYRLTQARHALCQFSSKEIH |
| <b>Host</b>                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Reactivity</b>              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Quality Control Testing</b> | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage Buffer</b>          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage Instruction</b>     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to MX2 on HeLa cell. [antibody concentration 10 ug/ml]

## Gene Info — MX2

|                            |                          |
|----------------------------|--------------------------|
| <b>Entrez GeneID</b>       | <a href="#">4600</a>     |
| <b>GeneBank Accession#</b> | <a href="#">BC035293</a> |
| <b>Protein Accession#</b>  | <a href="#">AAH35293</a> |
| <b>Gene Name</b>           | MX2                      |
| <b>Gene Alias</b>          | MXB                      |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Description   | myxovirus (influenza virus) resistance 2 (mouse)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Omim ID            | <a href="#">147890</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Summary       | <p>The protein encoded by this gene has a nuclear and a cytoplasmic form and is a member of both the dynamin family and the family of large GTPases. The nuclear form is localized in a granular pattern in the heterochromatin region beneath the nuclear envelope. A nuclear localization signal (NLS) is present at the amino terminal end of the nuclear form but is lacking in the cytoplasmic form due to use of an alternate translation start codon. This protein is upregulated by interferon-alpha but does not contain the antiviral activity of a similar myxovirus resistance protein 1. [provided by RefSeq]</p> |
| Other Designations | interferon-regulated resistance GTP-binding protein MXB myxovirus resistance protein 2 second interferon-induced protein p78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## Disease

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