

## MX1 antibody

### Product Information

|               |  |
|---------------|--|
| Catalog No.:  | FNab05450  |
| Size:         | 100µg  |
| Form:         | liquid   |
| Purification: | Immunogen affinity purified  |
| Purity:       | ≥95% as determined by SDS-PAGE   |
| Host:         | Rabbit   |
| Clonality:    | polyclonal   |
| Clone ID:     | None   |
| IsoType:      | IgG  |
| Storage:      | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.) |

### Background

Interferon-induced dynamin-like GTPase with antiviral activity against a wide range of RNA viruses and some DNA viruses. Its target viruses include negative-stranded RNA viruses and HBV through binding and inactivation of their ribonucleocapsid. May also antagonize reoviridae and asfarviridae replication. Inhibits thogoto virus(THOV) replication by preventing the nuclear import of viral nucleocapsids. Inhibits La Crosse virus(LACV) replication by sequestering viral nucleoprotein in perinuclear complexes, preventing genome amplification, budding, and egress. Inhibits influenza A virus(IAV) replication by decreasing or delaying NP synthesis and by blocking endocytic traffic of incoming virus particles. Enhances ER stress-mediated cell death after influenza virus infection. May regulate the calcium channel activity of TRPCs.

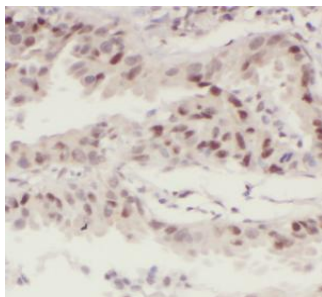
### Immunogen information

|              |   |
|--------------|---|
| Immunogen:   | Myxovirus resistance protein 1  |
| Synonyms:    | Interferon-induced GTP-binding protein Mx1 Interferon-induced protein p78 (IFI-78K) Interferon-regulated resistance GTP-binding protein MxA Myxoma resistance protein 1 Myxovirus resistance protein 1 Interferon-induced GTP-binding protein Mx1, N-terminally processed MX1 |
| Observed MW: | 76 kDa  |
| Uniprot ID : | P20591  |

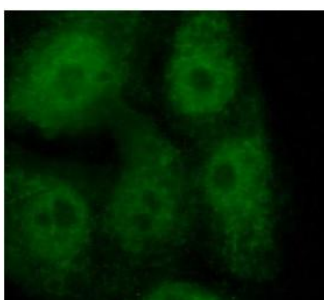
### Application

|                       |   |
|-----------------------|---|
| Reactivity:           | Human, Mouse  |
| Tested Application:   | ELISA, WB, IHC, IP, IF  |
| Recommended dilution: | WB: 1:500-1:1000; IP: 1:500-1:1000; IHC: 1:20-1:200; IF: 1:20-1:200 |

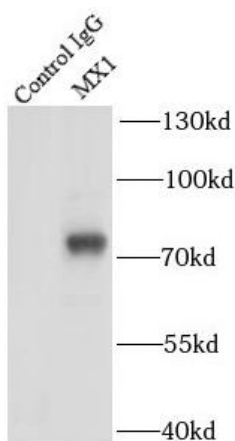
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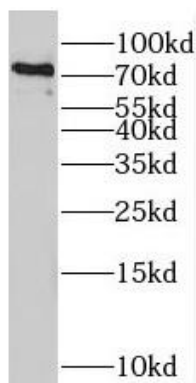
Immunohistochemistry of paraffin-embedded human lung cancer slide using FNab05450(MX1 Antibody) at dilution of 1:50



Immunofluorescence analysis of A549 cells using FNab05450( MX1 Antibody) at dilution of 1:50



IP result of anti-MX1 (FNab05450 for IP and Detection) with A549 cell.



mouse spleen tissue were subjected to SDS PAGE followed by western blot with FNab05450(MX1 antibody) at dilution of 1:300