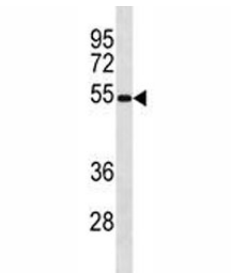
# Ips-1 Antibody / Mavs (F47745)

| Catalog No. | Formulation | Size |
|---|---|---|
| F47745-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F47745-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Mouse |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity |
| **UniProt** | Q8VCF0 |
| **Applications** | Western blot: 1:1000 |
| **Limitations** | This Ips-1 antibody is available for research use only. |




Ips-1 antibody western blot analysis in mouse spleen tissue lysate. Predicted molecular weight: 51-54 kDa (cleaved), 57 kDa (unmodified), 75 kDa (aggregated).

## Description

Required for innate immune defense against viruses. Acts downstream of DDX58 and IFIH1/MDA5, which detect intracellular dsRNA produced during viral replication, to coordinate pathways leading to the activation of NF-kappa-B, IRF3 and IRF7, and to the subsequent induction of antiviral cytokines such as IFN-beta and RANTES (CCL5). May activate the same pathways following detection of extracellular dsRNA by TLR3. May protect cells from apoptosis (By similarity).

## Application Notes

Titration of the Ips-1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 1-30 from the mouse protein was used as the immunogen for this Ips-1 antibody.

## Storage

Aliquot the Ips-1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


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