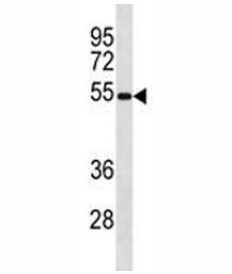
Ips-1 Antibody / Mavs (F47745)

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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