

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse IRF3 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant mouse IRF3 Thr201-Ile419 Accession # P70671
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

IRF3 is a member of the interferon regulator transcription factor family. IRF3 is typically found inactive in the cytoplasm. IRF3 is activated by the toll like receptors (TLR3 and TLR4), as well as, viral entry. Upon activation and phosphorylation, IRF3 heterodimerizes with CREBBP, which translocates to the nucleus to stimulate transcription. IRF3 does not contain transactivation function on its own; it must either recruit or be part of a complex of transcription factors to stimulate gene transcription.

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