

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human IRAK1 in Western blots. In Western blots, less than 1% cross-reactivity with recombinant human (rh) IRAK2 and rhIRAK4 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human IRAK1 Met1-Ser693 Accession # AAH54000
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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

IL-1 receptor-associated kinases (IRAKs) are serine/threonine kinases that regulate signaling from Toll-like receptor (TLR) and IL-1 receptor family members. Four human IRAKs have been identified: IRAK1, IRAK2, IRAK-M, and IRAK4. All IRAKs are multidomain proteins, containing a conserved N-terminal death domain as well as a central kinase domain that is only active in IRAK1 and IRAK4.

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