

IRAK4 Rabbit pAb

Catalog No.: A21779

Basic Information

Observed MW

55kDa

Calculated MW

52kDa

Category

Primary antibody

Applications

ELISA,WB,IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a kinase that activates NF-kappaB in both the Toll-like receptor (TLR) and T-cell receptor (TCR) signaling pathways. The protein is essential for most innate immune responses. Mutations in this gene result in IRAK4 deficiency and recurrent invasive pneumococcal disease. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

51135

Swiss Prot

Q9NWZ3

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human IRAK4 (NP_057207.2).

Synonyms

IPD1; IMD67; REN64; IRAK-4; NY-REN-64; IRAK4

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

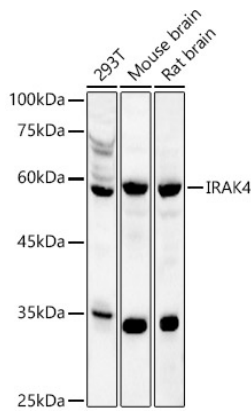
Affinity purification

Storage

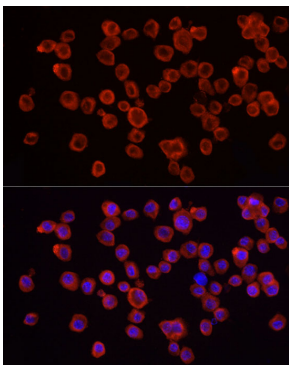
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

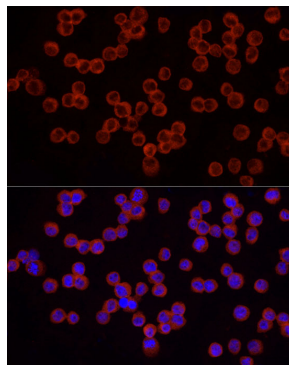
Validation Data



Western blot analysis of various lysates, using IRAK4 Rabbit pAb (A21779) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunofluorescence analysis of RAW264.7 cells using IRAK4 Rabbit pAb (A21779) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of THP-1 cells using IRAK4 Rabbit pAb (A21779) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.