

## IRAK4 RABBIT MAB

**Cat.#:** N262421

**Product Name:** Anti-IRAK4 Rabbit Monoclonal Antibody

**Synonyms:** IL-1 receptor-associated kinase 4; Interleukin 1 receptor associated kinase 4 mutant form 1; IPD1; IRAK4; LOC 51135; NY REN 64; REN64

**UNIPROT ID:** Q9NWZ3

**Background:** Required for the efficient recruitment of IRAK1 to the IL-1 receptor complex following IL-1 engagement, triggering intracellular signaling cascades leading to transcriptional up-regulation and mRNA stabilization. Phosphorylates IRAK1.

**Immunogen:** A synthetic peptide of human IRAK4

**Applications:** WB,IHC-F,IHC-P,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R01-1B2

**MW:** Calculated MW: 52 kDa; Observed MW: 52 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human

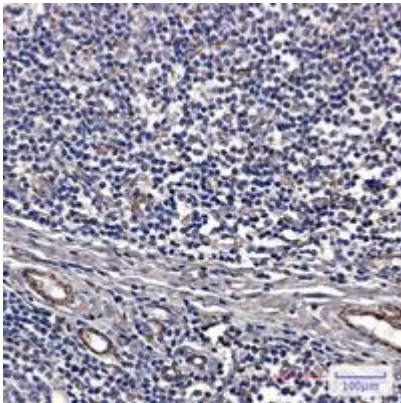
**Conjugation:** Unconjugated

**Modification:** Unmodified

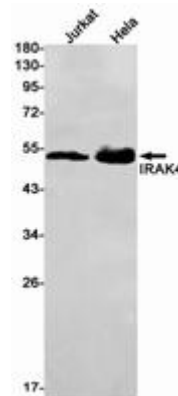
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Immunology

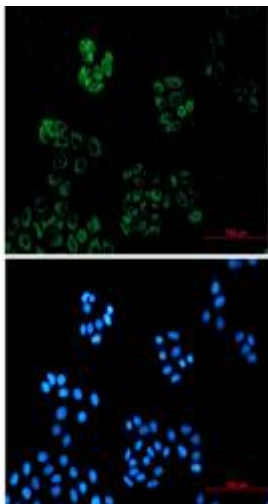
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human tonsil using IRAK4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of IRAK4 in Jurkat, Hela lysates using IRAK4 antibody.



Immunocytochemistry analysis of IRAK4 (green) in Hela using IRAK4 antibody, and DAPI (blue)