

Product Name: IRAK4 Rabbit Monoclonal Antibody**Catalog #: AMRe02169**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.53mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 52 kDa; Observed MW: 52 kDa

Antigen Information

Gene Name	IRAK4
Alternative Names	IL-1 receptor-associated kinase 4; Interleukin 1 receptor associated kinase 4 mutant form 1; IPD1; IRAK4; LOC 51135; NY REN 64; REN64
Gene ID	51135
SwissProt ID	Q9NWZ3
Immunogen	A synthetic peptide of human IRAK4

Background

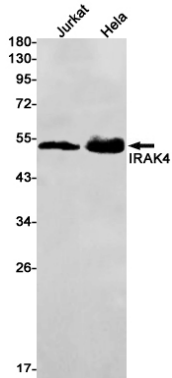
Required for the efficient recruitment of IRAK1 to the IL-1 receptor complex following IL-1 engagement, triggering intracellular

signaling cascades leading to transcriptional up-regulation and mRNA stabilization. Phosphorylates IRAK1.

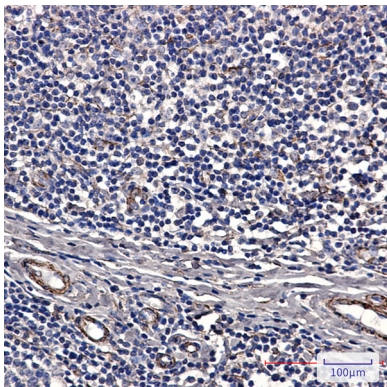
Research Area

Immunology

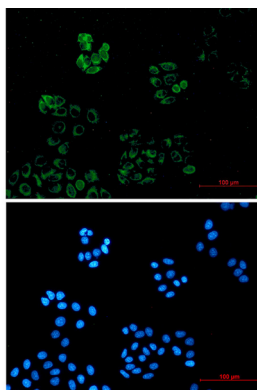
Image Data



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



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



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