

Summary

Production Name	IRAK4 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

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

Application

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

Product Name: IRAK4 Rabbit Monoclonal Antibody
Catalog #: AMRe02169



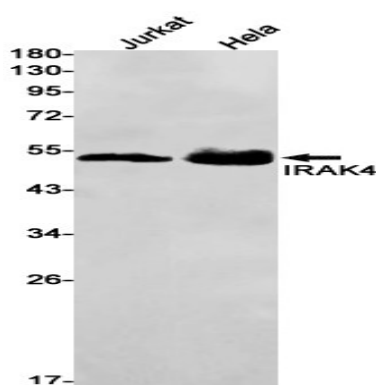
Background

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.

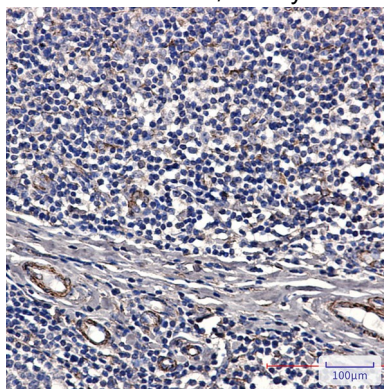
Research Area

Immunology

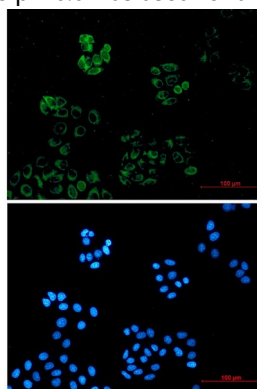
Image Data



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.



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

Note

For research use only.