

Summary

Production Name	IRAK4 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

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	51135.0
SwissProt ID	Q9NWZ3.A synthetic peptide of human IRAK4

Application

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

Product Name: IRAK4 Rabbit Monoclonal Antibody
Catalog #: AMRe85715

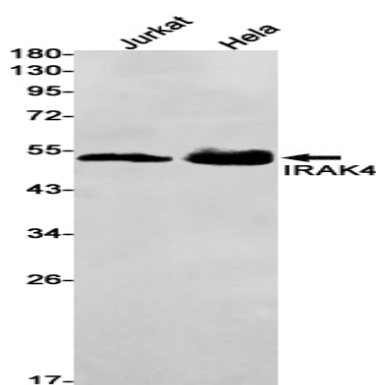


Background

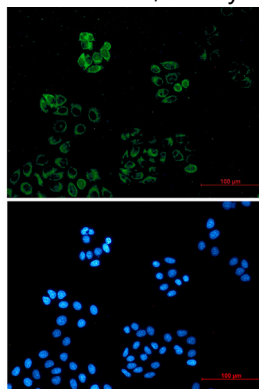
Required for the efficient recruitment of IRAK1 to the IL-1 receptor complex following IL-1 engagement, triggering intracellular signaling cascades leading to transcriptional up-regulation and mRNA stabilization. Phosphorylates IRAK1.

Research Area

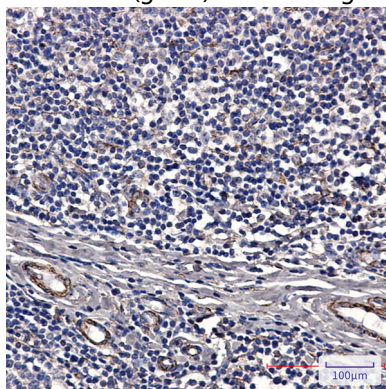
Image Data



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)



Immunohistochemistry analysis of paraffin-embedded Human tonsil using IRAK4 antibody. High-pressure and temperature

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Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.