

Anti-IRAK4 Rabbit mAb

Purified Rabbit Monoclonal Antibody

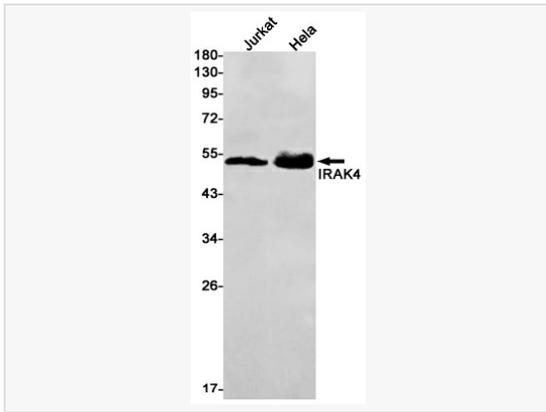
Catalog # R010890

Product Information

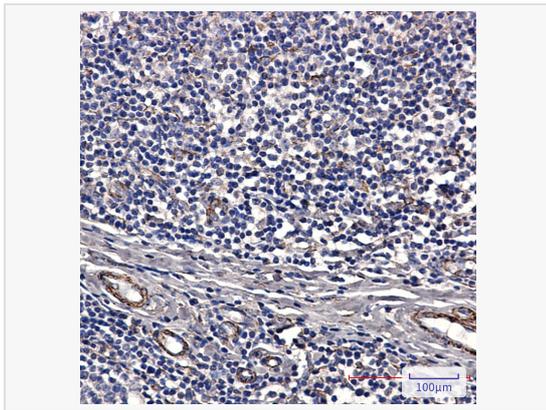
Application	WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ICC/IF (Cell), ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	58K47K17
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human IRAK4
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-IRAK4 antibody [58K47K17] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

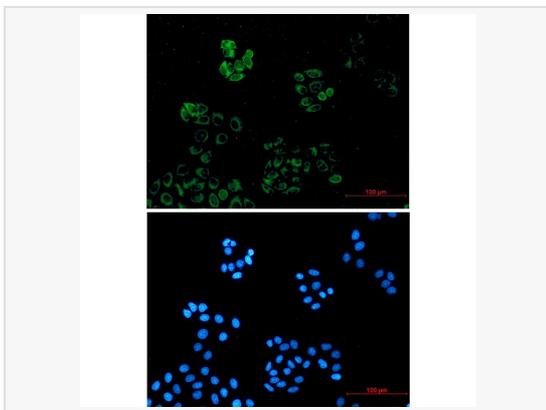
Synonyms	IL-1 receptor-associated kinase 4, Interleukin 1 receptor associated kinase 4 mutant form 1, IPD1, IRAK4, LOC 51135, NY REN 64, REN64.
Calculated MW	Calculated MW: 52 kDa; Observed MW: 52 kDa
Uniprot ID	Q9NWX3
Gene ID	51135
Background	Required for the efficient recruitment of IRAK1 to the IL-1 receptor complex following IL-1 engagement, triggering intracellular signaling cascades leading to transcriptional up-regulation and mRNA stabilization. Phosphorylates IRAK1.



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 using IRAK4 antibody and DAPI (blue)