

Product datasheet for **TA377560S**

IRAK4 Rabbit Polyclonal Antibody

Product data:

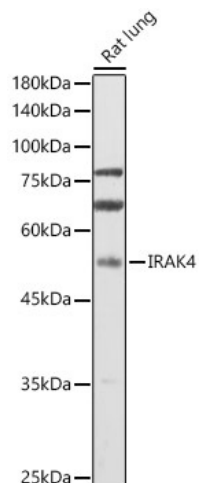
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human IRAK4 (NP_057207.2).
Formulation:	PBS with 0.09% Sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	37kDa/51kDa
Gene Name:	interleukin 1 receptor associated kinase 4
Database Link:	Entrez Gene 51135 Human Q9NWZ3
Background:	This gene encodes a kinase that activates NF-kappaB in both the Toll-like receptor (TLR) and T-cell receptor (TCR) signaling pathways. The protein is essential for most innate immune responses. Mutations in this gene result in IRAK4 deficiency and recurrent invasive pneumococcal disease. Multiple transcript variants encoding different isoforms have been found for this gene.



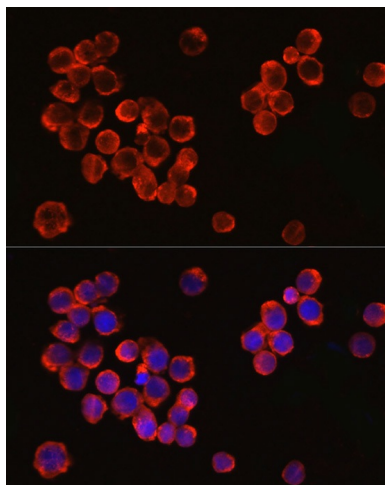
[View online »](#)

Synonyms: IPD1; IRAK-4; NY-REN-64; REN64

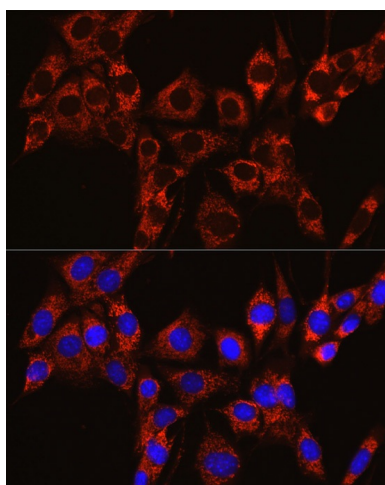
Product images:



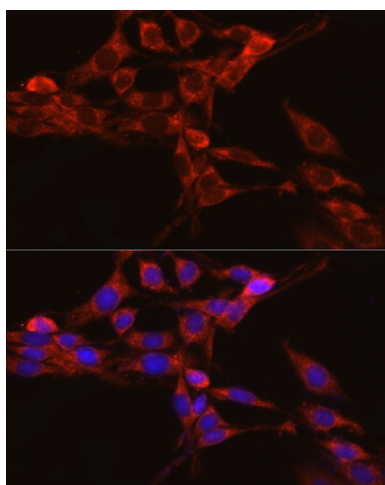
Western blot analysis of extracts of Rat lung, using IRAK4 antibody ([TA377560]) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit . | Exposure time: 60s.



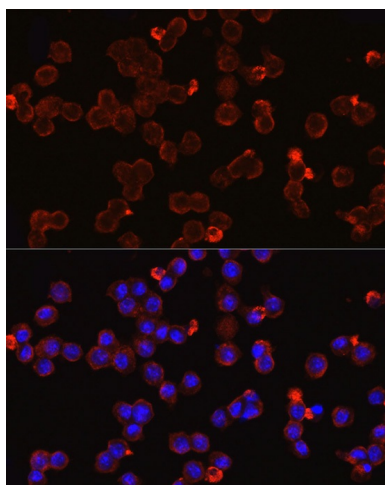
Immunofluorescence analysis of Jurkat cells using IRAK4 Rabbit pAb ([TA377560]) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



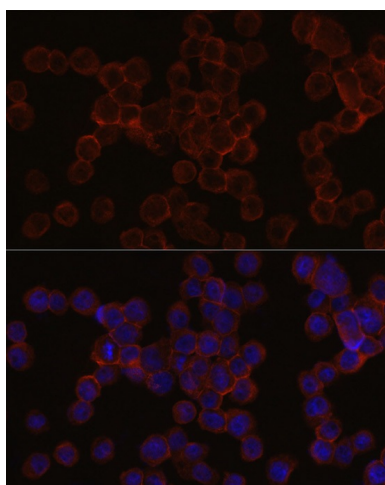
Immunofluorescence analysis of NIH/3T3 cells using IRAK4 Rabbit pAb ([TA377560]) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using IRAK4 Rabbit pAb ([TA377560]) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of RAW264.7 cells using IRAK4 Rabbit pAb ([TA377560]) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of THP-1 cells using IRAK4 Rabbit pAb ([TA377560]) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.