

# IRAK2 Rabbit mAb

Catalog No: #49900



Package Size: #49900-1 50ul #49900-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

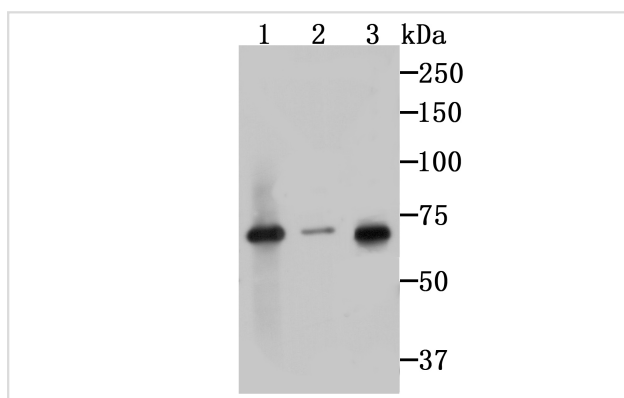
## Description

Product Name	IRAK2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JG36-23
Purification	ProA affinity purified
Applications	WB,ICC,IF,IHC,FC,IP
Species Reactivity	Hu
Immunogen Description	Recombinant protein within human IRAK2 aa 1-200.
Other Names	il1rak2 antibody Interleukin 1 receptor associated kinase 2 antibody Interleukin 1 receptor associated kinase like 2 antibody Interleukin-1 receptor-associated kinase-like 2 antibody IRAK 2 antibody IRAK-2 antibody Irak2 antibody IRAK2_HUMAN antibody MGC150550 antibody
Accession No.	Swiss-Prot#:O43187
Uniprot	O43187
GeneID	3656;
Calculated MW	69 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

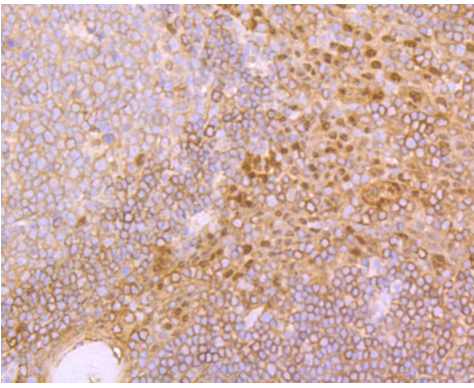
## Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200 ICC/IF: 1:50-1:200IP: 1:10-1:50FC: 1:50-1:100

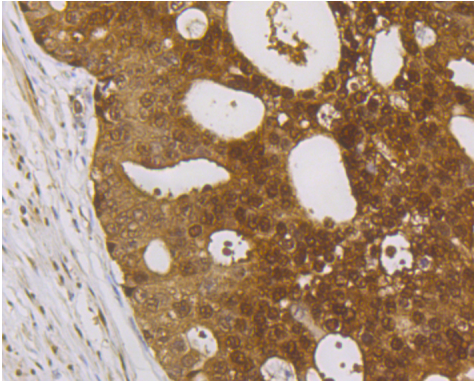
## Images



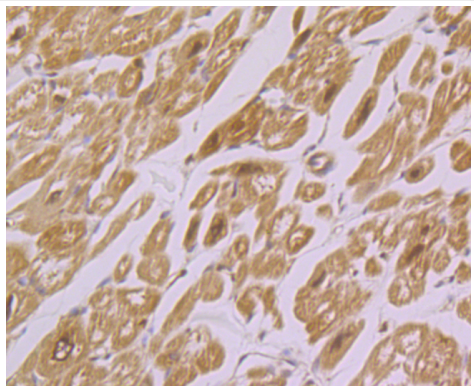
Western blot analysis of IRAK2 on different cell lysates using anti-IRAK2 at 1/500 dilution. Positive control Line 1: PC-3M Line 2: A549 Line 3: HepG2



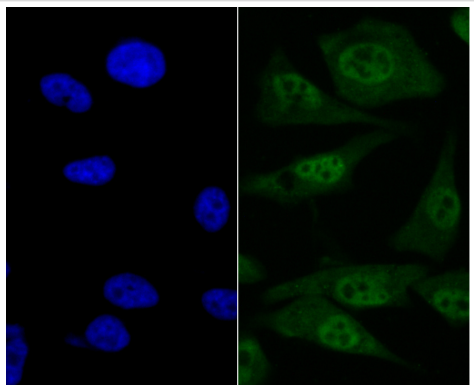
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-IRAK2 antibody. Counter stained with hematoxylin.



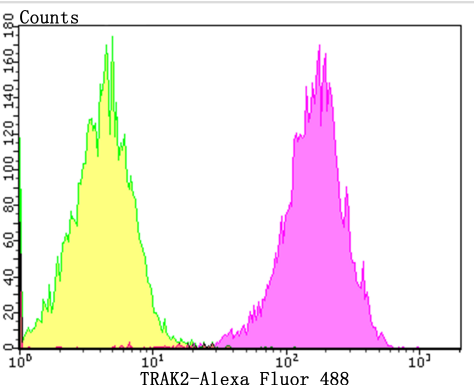
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue using anti-IRAK2 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human heart tissue using anti-IRAK2 antibody. Counter stained with hematoxylin.



ICC staining IRAK2 in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of Jurkat cells with IRAK2 antibody at 1/50 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

## Background

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IRAK2 encodes the interleukin-1 receptor-associated kinase 2, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. IRAK2 is reported to participate in the IL1-induced upregulation of NF-kappaB. IRAK2 has been shown to interact with TRAF6 and Myd88.

## References

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Note: This product is for in vitro research use only