

Datasheet for ABIN213947  
**anti-IRAK4 antibody (C-Term)**



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2 Images

## Overview

Quantity:	0.05 mg
Target:	IRAK4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRAK4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

## Product Details

Brand:	IHC-plus™
Isotype:	IgG
Specificity:	IRAK-4 antibody is predicted to not cross-react with other members of the IRAK protein family.
Purification:	Immunoaffinity purified

## Target Details

Target:	IRAK4
Alternative Name:	IRAK4 / IRAK-4 ( <a href="#">IRAK4 Products</a> )
Background:	Name/Gene ID: IRAK4

## Target Details

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Subfamily: IRAK(Pelle)

Family: Protein Kinase

Synonyms: IRAK4, IPD1, IRAK-4, NY-REN-64, REN64

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Gene ID: 51135

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UniProt: [Q9NWZ3](#)

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Pathways: [NF-kappaB Signaling](#), [TLR Signaling](#), [Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#)

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## Application Details

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Application Notes: Approved: ICC, IHC, IHC-P (5 µg/mL), WB (1 - 2 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.

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Comment: Target Species of Antibody: Human

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: Lot specific

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Buffer: PBS, 0.02 % sodium azide.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Handling Advice: avoid freeze thaw cycles. Store undiluted.

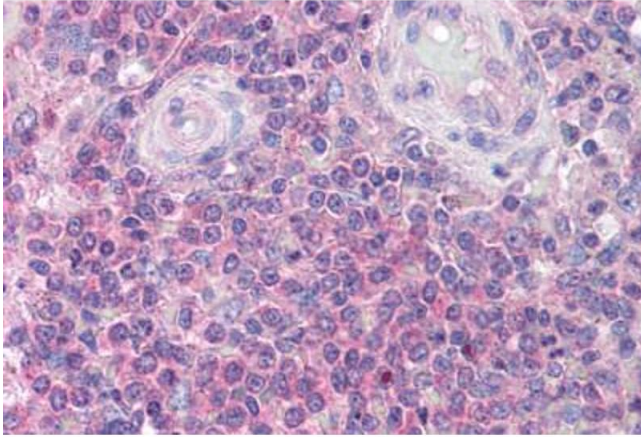
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Storage: 4 °C, -20 °C

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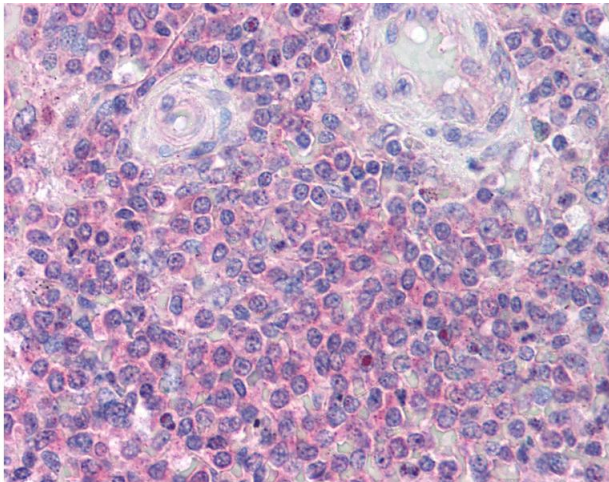
Storage Comment: Store at 4°C for 3 months and -20°C, stable for up to 1 year. Avoid repeated freeze-thaw cycles.

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#### Immunohistochemistry

**Image 1.** Human Spleen (formalin-fixed, paraffin-embedded) stained with IRAK4 antibody ABIN213947 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



#### Immunohistochemistry

**Image 2.** Anti-IRAK4 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.