



Datasheet for ABIN185338
anti-IRAK4 antibody (N-Term)



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4 Images

Overview

Quantity:	100 µg
Target:	IRAK4
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IRAK4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	IRAK4 (N Terminus)
Immunogen:	NKPITPSTYVRC
Sequence:	NKPITPSTYV RC
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	IRAK4
Alternative Name:	IRAK4 (IRAK4 Products)
Background:	IRAK4, REN64, NY-REN-64, interleukin-1 receptor-associated kinase 4, IRAK-4 mutated form 1, interleukin-1 receptor associated kinase 4, interleukin-1 receptor associated kinase 4 mutant form 1, IPD1
Gene ID:	51135, 266632
NCBI Accession:	NP_057207 , NP_001107654
Pathways:	NF-kappaB Signaling , TLR Signaling , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	<p>Immunohistochemistry: Paraffin embedded Human Heart and Human Liver. Recommended concentration: 3.75 µg/mL.</p> <p>Western Blot: Approx 50 kDa band observed in lysates of cell line HeLa and approx 55 kDa in lysates of cell line Jurkat (calculated MW of 51.5 kDa according to NP_057207.1). This molecular weight is routinely observed by other sources. Recommended concentration: 10 µg/mL.</p> <p>Peptide ELISA: antibody detection limit dilution 1:32000.</p>
Comment:	<p>Immunofluorescence: Strong expression of the protein seen in the cytoplasm and microtubules of HeLa cells. Recommended concentration: 10 µg/mL.</p> <p>Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10 µg/mL.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.

Handling

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images

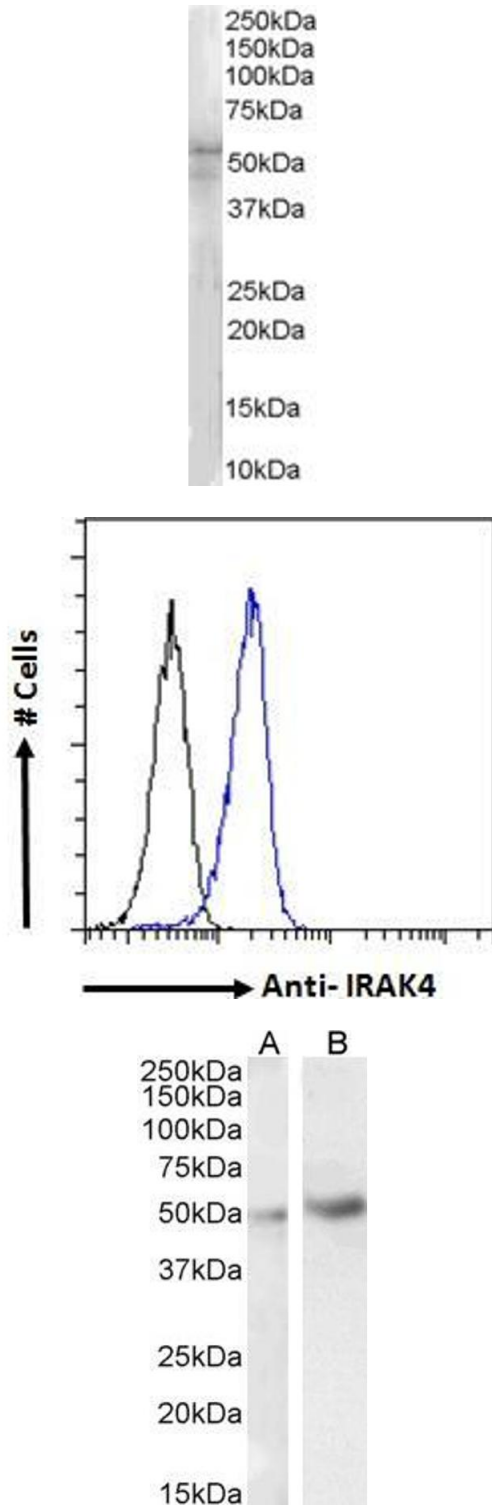


Image 1. ABIN185338 (1µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Flow Cytometry

Image 2. ABIN185338 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) fol

Western Blotting

Image 3. ABIN185338 (1µg/ml) staining of HeLa (A) and Jurkat (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN185338.