

# Product Datasheet

## IRAK4 Antibody (2H9) NBP2-37575

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-37575****IRAK4 Antibody (2H9)**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2H9
<b>Preservative</b>	0.03% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Ascites
<b>Buffer</b>	Ascites
<b>Target Molecular Weight</b>	52 kDa

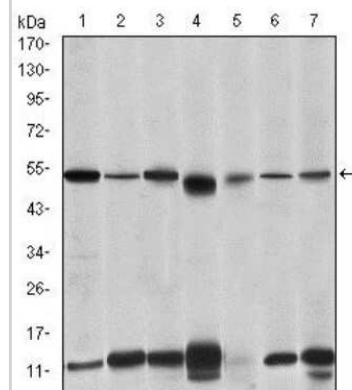
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse IRAK4 Antibody (2H9) (NBP2-37575) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	51135
<b>Gene Symbol</b>	IRAK4
<b>Species</b>	Human, Mouse, Monkey
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
<b>Immunogen</b>	Purified recombinant fragment of human IRAK4 expressed in E. Coli.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunoprecipitation, Immunohistochemistry-Paraffin
<b>Application Notes</b>	This IRAK4 Antibody (2H9) is validated for IP from a verified customer review.

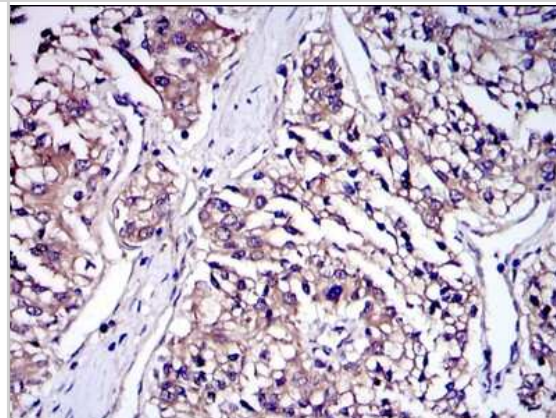


## Images

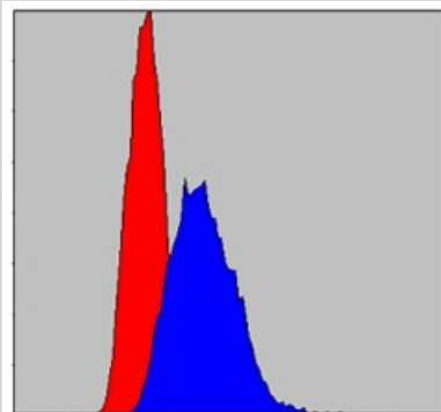
Western Blot: IRAK4 Antibody (2H9) [NBP2-37575] - Analysis using IRAK4 mouse mAb against THP-1 (1), HeLa (2), K562 (3), MCF-7 (4), RAW264.7 (5), Jurkat (6) and Cos7 (7) cell lysate.



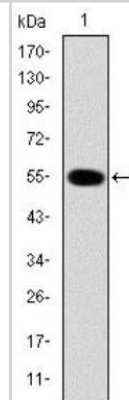
Immunohistochemistry-Paraffin: IRAK4 Antibody (2H9) [NBP2-37575] - Analysis of human kidney cancer tissues using IRAK4 mouse mAb with DAB staining.



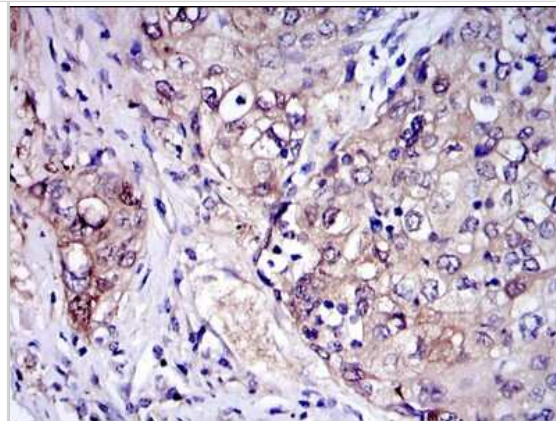
Flow Cytometry: IRAK4 Antibody (2H9) [NBP2-37575] - Analysis of HeLa cells using IRAK4 mouse mAb (blue) and negative control (red).



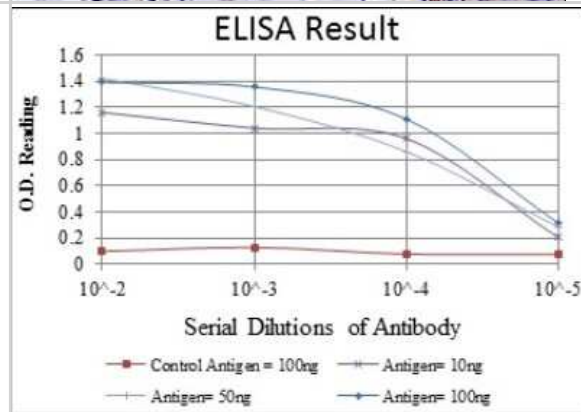
Western Blot: IRAK4 Antibody (2H9) [NBP2-37575] - Analysis using IRAK4 mAb against human IRAK4 (AA: 21-198) recombinant protein. (Expected MW is 45.4 kDa)



Immunohistochemistry-Paraffin: IRAK4 Antibody (2H9) [NBP2-37575] - Analysis of human lung cancer tissues using IRAK4 mouse mAb with DAB staining.



ELISA: IRAK4 Antibody (2H9) [NBP2-37575] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



## Publications

Stanfield B, Soderblom E, Palmer S Et Al. Histone Deacetylase 3 Associates With Key Regulators of NF kappa B Signaling in Lung Epithelial Cells Under Stimulation With LPS. Research Square 2021-07-07 (IP, ICC/IF)



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### **Products Related to NBP2-37575**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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