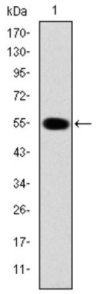
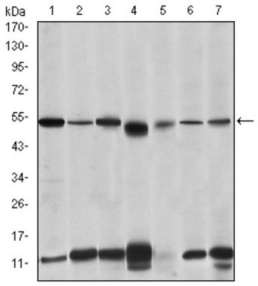
Interleukin 1 Receptor Associated Kinase 4 (IRAK4) Antibody

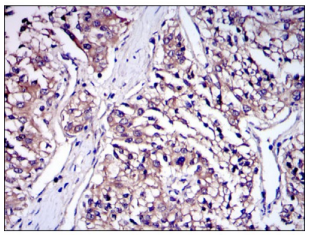
Catalogue No.:abx011984



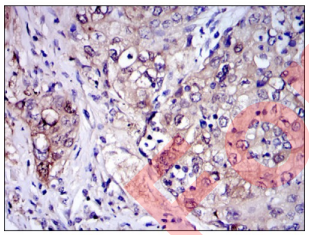
Western blot analysis using IRAK4 antibody against human IRAK4 (AA: 21-198) recombinant protein. (Expected MW is 45.4 kDa).



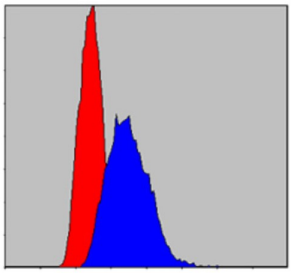
Western blot analysis using IRAK4 antibody against THP-1 (1), Hela (2), K562 (3), MCF-7 (4), RAW264.7 (5), Jurkat (6) and Cos7 (7) cell lysate.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissues using IRAK4 antibody with DAB staining.



Immunohistochemical analysis of paraffin-embedded human kidney cancer tissues using IRAK4 antibody with DAB staining.



Flow cytometric analysis of Hela cells using IRAK4 antibody (blue) and negative control (red).

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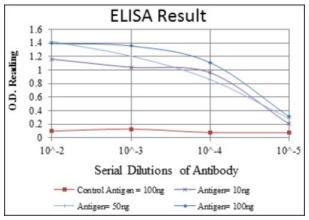

Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

This gene encodes a kinase that activates NF- kappa B 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.

Target:	Interleukin 1 Receptor Associated Kinase 4 (IRAK4)
Clonality:	Monoclonal
Reactivity:	Human, Mouse, Monkey
Tested Applications:	ELISA, WB, IHC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human IRAK4 expressed in E. coli.
Isotype:	IgG_1
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q8TDF7 (UniProt, ExPASy)
GeneID:	51135
KEGG:	hsa:51135

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Molecular Weight:	52 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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