

## IRAK-4 Monoclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-MCA0786
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Size</b>	50ul, 100ul
<b>Immunogen</b>	Purified recombinant fragment of human IRAK-4 expressed in E. Coli.
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human,Mouse,Monkey
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB, IHC-p, IF, FCM, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Interleukin-1 receptor-associated kinase 4
<b>Synonyms</b>	N/A

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

This gene encodes a kinase that activates NF-kappaB 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.

### Recommended Dilution

ELISA: 1:10000

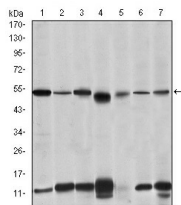
FC: 1:200 - 1:400

IHC: 1:200 - 1:1000

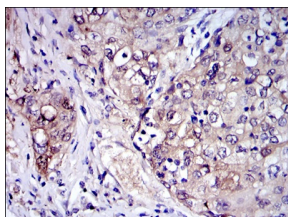
WB: 1:500 - 1:2000

Not yet tested in other applications.

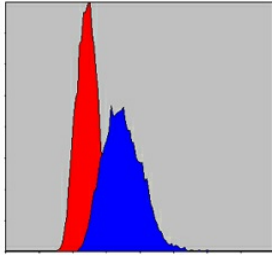
### Images



Western Blot analysis using IRAK-4 Monoclonal antibody against THP-1 (1) HeLa (2) K562 (3) MCF-7 (4) RAW264.7 (5) Jurkat (6) and Cos7 (7) cell lysate.



Immunohistochemistry analysis of paraffin-embedded human lung cancer tissues with DAB staining using IRAK-4 Monoclonal antibody.



Flow cytometric analysis of HeLa cells using IRAK-4 Monoclonal antibody (blue) and negative control (red).

### Storage

-20°C for one year

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