

IRAK4 monoclonal antibody (M09), clone 1C3

Catalog # : H00051135-M09

規格 : [100 ug]

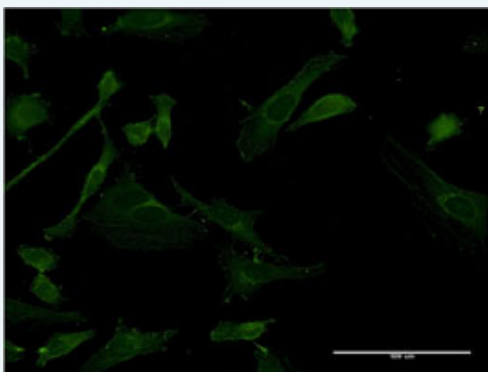
[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant IRAK4.
Immunogen:	IRAK4 (NP_057207, 255 a.a. ~ 351 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	GDDLCLVYVYMPNGSLLDRLSCLDGTPLSWHMRCKIAQGAANGINFLH ENHHIHRDIKSANILLDEAFTAKISDFGLARASEKFAQTVMTSRIVGT
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	Download
Datasheet:	Download

Applications

Immunofluorescence



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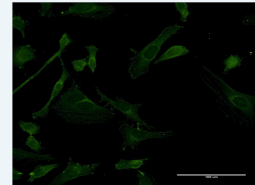
Immunofluorescence of monoclonal antibody to IRAK4 on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)

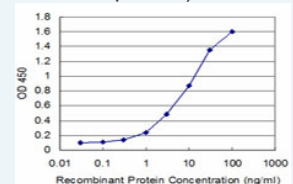
Application Image

Immunofluorescence



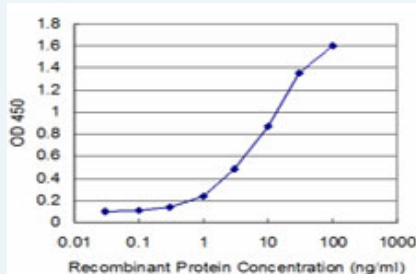
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Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA



Detection limit for recombinant GST tagged IRAK4 is approximately 0.3ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [51135](#)

GeneBank [NM_016123](#)

Accession#:

Protein [NP_057207](#)

Accession#:

Gene Name: IRAK4

Gene Alias: IPD1,NY-REN-64,REN64

Gene Description: interleukin-1 receptor-associated kinase 4

Omim ID: [606883](#), [607676](#), [610799](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. [supplied by RefSeq]

Other Designations: IRAK-4 mutated form 1,interleukin-1 receptor associated kinase 4

Gene Pathway

[Apoptosis](#) [Neurotrophin signaling pathway](#) [Toll-like receptor signaling pathway](#)

Related Disease

[Arthritis, Rheumatoid](#) [Asthma](#) [Asthma](#) [Atherosclerosis](#) [Atherosclerosis](#) [Birth Weight](#) [Bronchiolitis, Viral](#) [Cardiovascular Diseases](#) [Chronic Disease](#) [Crohn Disease](#) [Crohn's disease](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [Genetic Predisposition to Disease](#) [Glioblastoma](#) [Glioma](#) [HIV Infections](#) [Hypersensitivity](#) [Infant, Premature, Diseases](#)

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