

Anti-IRAK3 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

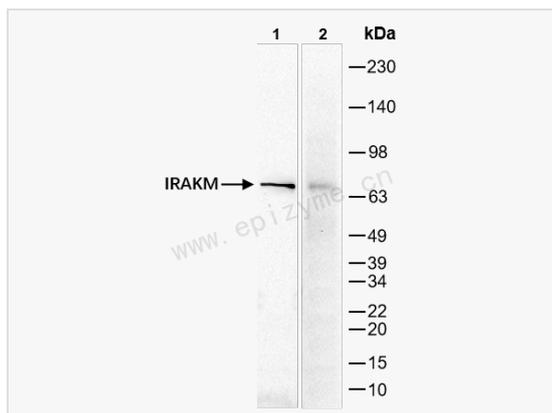
Catalog # R015969

Product Information

Application	WB, ELISA
Reactivity	Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	64S18B87
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human IRAKM
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-IRAK3 Rabbit mAb [64S18B87] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Interleukin-1 receptor-associated kinase 3; IRAK-3; IL-1 receptor-associated kinase M; Inactive IL-1 receptor-associated kinase 3; IRAK-M; IRAK3.
Calculated MW	Calculated MW: 68 kDa; Observed MW: 68 kDa
Uniprot ID	Q9Y616
Gene ID	11213
Background	This gene encodes a member of the interleukin-1 receptor-associated kinase protein family. Members of this family are essential components of the Toll/IL-R immune signal transduction pathways. This protein is primarily expressed in monocytes and macrophages and functions as a negative regulator of Toll-like receptor signaling. Mutations in this gene are associated with a susceptibility to asthma. Alternate splicing results in multiple transcript variants. [provided by RefSeq, May 2010]
Cellular Location	Cytoplasm Nucleus In dendritic cells, translocates into the nucleus upon IL33 stimulation
Tissue Location	Expressed in eosinophils, dendritic cells and/or monocytes (at protein level) (PubMed:29686383). Expressed predominantly in peripheral blood lymphocytes (PubMed:10383454)



Western Blot - Anti-IRAK3 Rabbit mAb [64S18B87]

All lanes: R015969 at 1:2,000 dilution

Lane 1: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

Lane 2: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 68 kDa

Observed band size: 68 kDa

Developed using the ECL technique (Cat. No. SQ201).