

KD-Validated Anti-IRAK3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1959

Product Information

Application	WB, FC, ICC
Primary Accession	Q9Y616
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB875
Calculated MW	67767
Gene Name	IRAK3
Aliases	Interleukin 1 Receptor Associated Kinase 3; Interleukin-1 Receptor-Associated Kinase 3; IRAK-M ; Inactive IL-1 Receptor-Associated Kinase 3; IL-1 Receptor-Associated Kinase M; IRAK-3; ASRT5; IRAKM
Immunogen	A synthesized peptide derived from human IRAK3

Additional Information

Gene ID	11213
Other Names	Interleukin-1 receptor-associated kinase 3, IRAK-3, IL-1 receptor-associated kinase M, IRAK-M, Inactive IL-1 receptor-associated kinase 3, IRAK3 {ECO:0000312 EMBL:AAH57800.1}

Protein Information

Name	IRAK3 {ECO:0000312 EMBL:AAH57800.1}
Function	Putative inactive protein kinase which regulates signaling downstream of immune receptors including IL1R and Toll-like receptors (PubMed: 10383454 , PubMed: 29686383). Inhibits dissociation of IRAK1 and IRAK4 from the Toll-like receptor signaling complex by either inhibiting the phosphorylation of IRAK1 and IRAK4 or stabilizing the receptor complex (By similarity). Upon IL33-induced lung inflammation, positively regulates expression of IL6, CSF3, CXCL2 and CCL5 mRNAs in dendritic cells (PubMed: 29686383).
Cellular Location	Cytoplasm. Nucleus. Note=In dendritic cells, translocates into the nucleus upon IL33 stimulation. {ECO:0000250 UniProtKB:Q8K4B2}
Tissue Location	Expressed in eosinophils, dendritic cells and/or monocytes (at protein level) (PubMed:29686383). Expressed predominantly in peripheral blood lymphocytes (PubMed:10383454)