

Mouse Irak3 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14260b**Specification**

Mouse Irak3 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q8K4B2](#)**Mouse Irak3 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 73914**Other Names**

Interleukin-1 receptor-associated kinase 3, IRAK-3, IL-1 receptor-associated kinase M, IRAK-M, Irak3 {ECO:0000312|MGI:MGI:1921164}

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Mouse Irak3 Antibody (C-term) Blocking Peptide - Protein Information**Name** Irak3 {ECO:0000312|MGI:MGI:1921164}**Function**

Putative inactive protein kinase which regulates signaling downstream of immune receptors including IL1R and Toll-like receptors (PubMed:12150927, PubMed:12054681, 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 (PubMed:12150927, PubMed:12054681). 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.

Tissue Location

Expressed in inflamed lung macrophages (at protein level) (PubMed:29686383). Expressed in dendritic cells (at protein level) (PubMed:29686383). Highly expressed in liver and thymus and at lower levels in heart, brain, spleen and kidney (PubMed:12054681)

Mouse Irak3 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

Mouse Irak3 Antibody (C-term) Blocking Peptide - Images

Mouse Irak3 Antibody (C-term) Blocking Peptide - Background

Irak3 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.

Mouse Irak3 Antibody (C-term) Blocking Peptide - References

Turnis, M.E., et al. J. Immunol. 185(7):4223-4232(2010)Hubbard, L.L., et al. J. Immunol. 184(11):6299-6308(2010)Seki, M., et al. J. Immunol. 184(3):1410-1418(2010)Lyn-Kew, K., et al. PLoS ONE 5 (6), E11145 (2010) :Su, J., et al. J Innate Immun 1(2):164-174(2009)