



# Mouse IRAK3 blocking peptide (CDBP1617)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-IRAK3 (mouse) antibody
<b>Antigen Description</b>	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]
<b>Species</b>	Mouse
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Irak3 interleukin-1 receptor-associated kinase 3 [ Mus musculus ]</a>
<b>Official Symbol</b>	IRAK3
<b>Synonyms</b>	IRAK3; interleukin-1 receptor-associated kinase 3; IRAK-3; IL-1 receptor-associated kinase M; IRAK-M; AI563835; 4833428C18Rik;

<b>Entrez Gene ID</b>	<a href="#">73914</a>
<b>mRNA Refseq</b>	<a href="#">NM_028679</a>
<b>Protein Refseq</b>	<a href="#">NP_082955</a>
<b>Pathway</b>	Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Apoptosis signaling pathway, organism-specific biosystem; IL-1 Signaling Pathway, organism-specific biosystem; Neurotrophin signaling pathway, organism-specific biosystem; Neurotrophin signaling pathway, conserved biosystem; TLR4 (Toll-like receptor 4) signaling pathway, organism-specific biosystem;
<b>Function</b>	ATP binding; ATP binding; kinase activity; magnesium ion binding; magnesium ion binding; nucleotide binding; protein heterodimerization activity; protein homodimerization activity; protein kinase activity; protein serine/threonine kinase activity; protein