



Human IRAK2 blocking peptide (CDBP1616)

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

PRODUCT INFORMATION

Product Overview	IRAK2 (C - term) peptide (human)
Antigen Description	IRAK2 encodes the interleukin-1 receptor-associated kinase 2, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. IRAK2 is reported to participate in the IL1-induced upregulation of NF-kappaB. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	BL
Concentration	0.2 mg/ml
Size	50 µg
Buffer	Preservative: 0.02% Sodium Azide; Constituents: 0.1% BSA, PBS. pH 7.2
Preservative	0.02% Sodium Azide

GENE INFORMATION

Gene Name	IRAK2 interleukin-1 receptor-associated kinase 2 [Homo sapiens]
Official Symbol	IRAK2
Synonyms	IRAK2; interleukin-1 receptor-associated kinase 2; interleukin-1 receptor-associated kinase-like 2; interleukin-1 receptor associated kinase-2; IRAK-2; MGC150550;
Entrez Gene ID	3656

mRNA Refseq	NM_001570
Protein Refseq	NP_001561
UniProt ID	O43187
Chromosome Location	3p25.2
Pathway	Activated TLR4 signalling, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; IL-1 Signaling Pathway, organism-specific biosystem; IRAK2 mediated activation of TAK1 complex, organism-specific biosystem; IRAK2 mediated activation of TAK1 complex upon TLR7/8 or 9 stimulation, organism-specific biosystem;
Function	ATP binding; nucleotide binding; protein binding; protein heterodimerization activity; protein homodimerization activity; protein kinase activity; transferase activity, transferring phosphorus-containing groups;