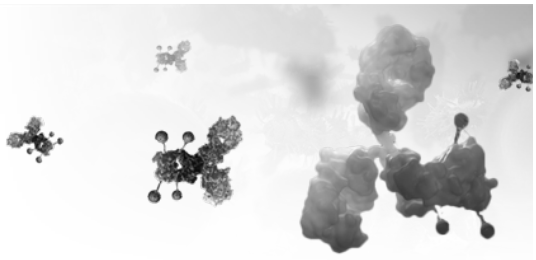

Human RIPK2 blocking peptide (DAG-P1942)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases. The encoded protein contains a C-terminal caspase activation and recruitment domain (CARD), and is a component of signaling complexes in both the innate and adaptive immune pathways. It is a potent activator of NF-kappaB and inducer of apoptosis in response to various stimuli. [provided by RefSeq, Jul 2008]
Specificity	Detected in heart, brain, placenta, lung, peripheral blood leukocytes, spleen, kidney, testis, prostate, pancreas and lymph node.
Conjugate	Unconjugated
Applications	WB, BL
Sequence Similarities	Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family.Contains 1 CARD domain.Contains 1 protein kinase domain.
Format	Liquid
Buffer	PBS with 0.1% BSA 0.02% sodium azide pH7.2
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. PBS with 0.1% BSA 0.02% sodium azide pH7.2

GENE INFORMATION

Gene Name	RIPK2 receptor-interacting serine-threonine kinase 2 [Homo sapiens (human)]
Official Symbol	RIPK2

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Synonyms	RIPK2; receptor-interacting serine-threonine kinase 2; CCK; RICK; RIP2; CARD3; GIG30; CARDIAK; receptor-interacting serine/threonine-protein kinase 2; RIP-2; CARD-carrying kinase; growth-inhibiting gene 30; tyrosine-protein kinase RIPK2; receptor-interacting protein 2; CARD-containing IL-1 beta ICE-kinase; CARD-containing interleukin-1 beta-converting enzyme (ICE)-associated kinase; receptor-interacting protein (RIP)-like interacting caspase-like apoptosis regulatory protein (CLARP) kinase;
Entrez Gene ID	8767
mRNA Refseq	NM_003821.5
Protein Refseq	NP_003812.1
UniProt ID	O43353
Chromosome Location	8q21
Pathway	Activated TLR4 signalling, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Canonical NF-kappaB pathway, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Downstream TCR signaling, organism-specific biosystem; FAS pathway and Stress induction of HSP regulation, organism-specific biosystem; IL12-mediated signaling events, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, orga
Function	ATP binding; CARD domain binding; CARD domain binding; LIM domain binding; non-membrane spanning protein tyrosine kinase activity; protein binding; protein homodimerization activity; protein serine/threonine kinase activity; signal transducer activity;

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