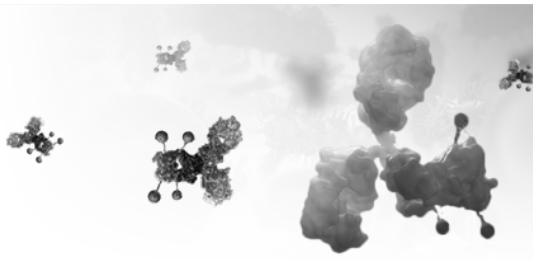

Human Raf1 blocking peptide (CDBP0876)

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

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-C-raf antibody
Antigen Description	The elongation of primed DNA templates by DNA polymerase delta and DNA polymerase epsilon requires the accessory proteins proliferating cell nuclear antigen (PCNA) and replication factor C (RFC). RFC, also named activator 1, is a protein complex consisting of five distinct subunits of 140, 40, 38, 37, and 36 kD. This gene encodes the 37 kD subunit. This subunit forms a core complex with the 36 and 40 kDa subunits. The core complex possesses DNA-dependent ATPase activity, which was found to be stimulated by PCNA in an in vitro system. Alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 μg/ml
Size	50 μg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20℃, stable for one year.

GENE INFORMATION

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Gene Name	RAF1 v-raf-1 murine leukemia viral oncogene homolog 1 [Homo sapiens]
Official Symbol	Raf1
Synonyms	RAF1; v-raf-1 murine leukemia viral oncogene homolog 1; RAF proto-oncogene serine/threonine-protein kinase; c Raf; CRAF; Raf 1; Oncogene RAF1; proto-oncogene c-RAF; raf proto-oncogene serine/threonine protein kinase; NS5; Raf-1; c-Raf;
Entrez Gene ID	5894
mRNA Refseq	NM_002880
Protein Refseq	NP_002871
UniProt ID	P04049
Chromosome Location	3p25
Pathway	ARMS-mediated activation, organism-specific biosystem; Activation of NMDA receptor upon glutamate binding and postsynaptic events, organism-specific biosystem; Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adaptive Immune System, organism-specific biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Axon guidance, organism-specific biosystem;
Function	ATP binding; MAP kinase kinase kinase activity; Ras GTPase binding; metal ion binding; mitogen-activated protein kinase kinase binding; nucleotide binding; protein binding; protein heterodimerization activity; protein kinase activity; protein serine/threo

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