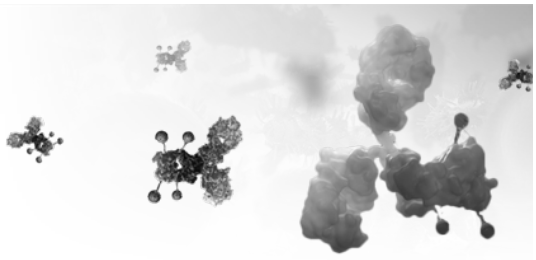

Human CCR2 blocking peptide (DAG-P1451)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes two isoforms of a receptor for monocyte chemoattractant protein-1, a chemokine which specifically mediates monocyte chemotaxis. Monocyte chemoattractant protein-1 is involved in monocyte infiltration in inflammatory diseases such as rheumatoid arthritis as well as in the inflammatory response against tumors. The receptors encoded by this gene mediate agonist-dependent calcium mobilization and inhibition of adenylyl cyclase. This gene is located in the chemokine receptor gene cluster region. Two alternatively spliced transcript variants are expressed by the gene. [provided by RefSeq, Mar 2009]
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Belongs to the G-protein coupled receptor 1 family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	CCR2 chemokine (C-C motif) receptor 2 [Homo sapiens (human)]
Official Symbol	CCR2
Synonyms	CCR2; chemokine (C-C motif) receptor 2; CKR2; CCR-2; CCR2A; CCR2B; CD192; CKR2A; CKR2B; CMKBR2; MCP-1-R; CC-CKR-2; C-C chemokine receptor type 2; MCP-1 receptor; monocyte chemotactic protein 1 receptor; monocyte chemoattractant protein 1 receptor;

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Entrez Gene ID	729230
mRNA Refseq	NM_001123041.2
Protein Refseq	NP_001116513.2
UniProt ID	P41597
Chromosome Location	3p21.31
Pathway	Beta defensins, organism-specific biosystem; Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Defensins, organism-specific biosystem; G alpha (i) signalling events, organism-spec
Function	C-C chemokine receptor activity; CCR2 chemokine receptor binding; chemokine receptor activity; protein homodimerization activity;

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