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Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58409_P050-FITC
Product Page	www.avivasysbio.com/ccr2-antibody-middle-region-fitc-arp58409-p050-fitc.html
Name	CCR2 Antibody - middle region : FITC (ARP58409_P050-FITC)
Protein Size (# AA)	374 amino acids
Molecular Weight	42kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	1231
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Chemokine (C-C motif) receptor 2
Alias Symbols	CKR2, CCR2A, CCR2B, CD192, CKR2A, CKR2B, CMKBR2, MCP-1-R, CC-CKR-2
Peptide Sequence	Synthetic peptide located within the following region: LIMVICYSGILKTLRLCRNEKKRHRAVRVIFTIMIVYFLFWTPYNIVILL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Hendrickson,S.L., (2008) J. Acquir. Immune Defic. Syndr. 48 (3), 263-271
Description of Target	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 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.
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-CCR2 (ARP58409_P050-FITC) antibody
Blocking Peptide	For anti-CCR2 (ARP58409_P050-FITC) antibody is Catalog# AAP58409 (Previous Catalog# AAPP34424)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CCR2
Uniprot ID	P41597
Protein Name	C-C chemokine receptor type 2
Publications	Liang, X., Li, H. & Li, S. A novel network pharmacology approach to analyse traditional herbal formulae: the Liu-Wei-Di-Huang pill as a case study. Mol. Biosyst. 10, 1014-22 (2014). WB, Human, Rat, Rabbit, Pig 24492828
Protein Accession #	NP_000638
Purification	Affinity Purified
Nucleotide Accession #	NM_000647
Gene Symbol	CCR2

Predicted Species Reactivity	Human, Rat, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Human: 100%; Pig: 93%; Rabbit: 93%; Rat: 93%
Image 1	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two antigen-binding sites are formed by the variable regions of the light chains.

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Optimal conditions of its use should be determined by end users.

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