antibodies - online.com







anti-CCR2 antibody (AA 315-374)



Image



Publication



Overview	
Quantity:	100 μL
Target:	CCR2
Binding Specificity:	AA 315-374
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCR2 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 315-374 of human CCR2 (NP_001116513.2).
Sequence:	LFHIALGCRI APLQKPVCGG PGVRPGKNVK VTTQGLLDGR GKGKSIGRAP EASLQDKEGA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification
Target Details	
Target:	CCR2

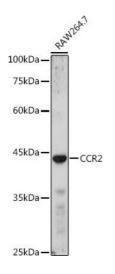
Target Details

Alternative Name:	CCR2 (CCR2 Products)
Background:	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.,CCR2,CC-CKR-2,CCR-
	2,CCR2A,CCR2B,CD192,CKR2,CKR2A,CKR2B,CMKBR2,MCP-1-R,FLJ78302,Cancer,Signal
	Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),Immunology &
	Inflammation,CD markers,Cell Intrinsic Innate Immunity Signaling
	Pathway, Chemokines, Chemokine, Cardiovascular, CCR2
Molecular Weight:	41 kDa
Gene ID:	729230
UniProt:	P41597
Pathways:	cAMP Metabolic Process, Regulation of Leukocyte Mediated Immunity, Positive Regulation of
	Immune Effector Process
Application Details	
Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only
Handling	
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Product cited in:

Li, Zhu, Wang, Fu, Hou, Ji, Chen, Hu, Shao, Yu, Zhao, Zhang, Du, Bu, Hu, Tang, Zhong, Yang, Zhao, Cen: "Arginine Methyltransferase 1 in the Nucleus Accumbens Regulates Behavioral Effects of Cocaine." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 35, Issue 37, pp. 12890-902, (2016) (PubMed).

Images



Western Blotting

Image 1. Western blot analysis of extracts of R.7 cells, using CCR2 antibody (ABIN3016844, ABIN3016845, ABIN3016846 and ABIN6219856) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.