Product Datasheet

CCR2 Antibody

Catalog No: #36784

Package Size: #36784-1 50ul #36784-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

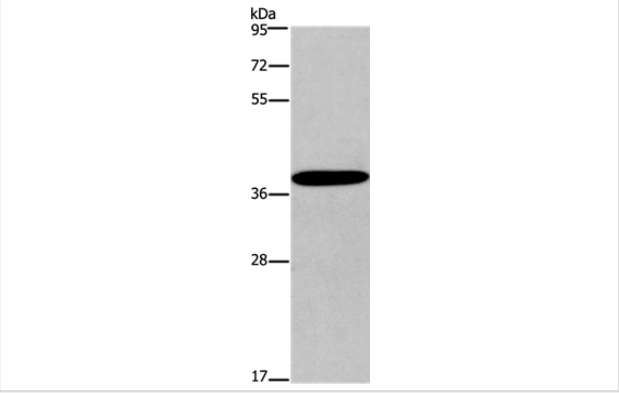
Product Name	CCR2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Human;Mouse
Specificity	The antibody detects endogenous levels of total CCR2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human chemokine (C-C motif) receptor 2
Conjugates	Unconjugated
Target Name	CCR2
Other Names	CKR2; CCR-2; CCR2A; CCR2B; CD192; CKR2A; CKR2B; CMKBR2; MCP-1-R; CC-CKR-2
Accession No.	Swiss-Prot#: P41597NCBI Gene ID: 729230Gene Accssion: NP_001116513
SDS-PAGE MW	42kd
Concentration	1.7mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Storage	Store at -20°C

Application Details

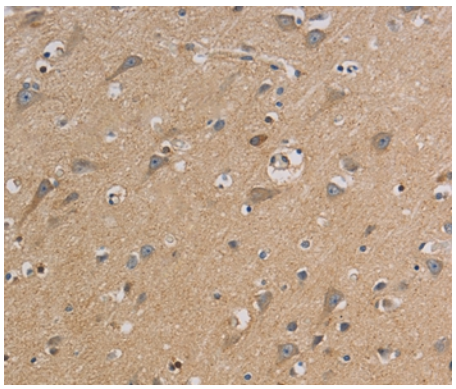
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

Images



Gel: 8%SDS-PAGE
Lysates (from left to right): Mouse skin tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/450 dilution
Secondary antibody dilution: 1/8000
Exposure time: 5 minutes



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #36784 at dilution 1/20.

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.

Published Papers

el at., Levo-Corydalmine Alleviates Neuropathic Cancer Pain Induced by Tumor Compression via the CCL2/CCR2 Pathway.In Molecules on 2017 Jun 6 by Yahui Hu, Nandani Darshika Kodithuwakku,et al..PMID: 28587280, , (2017)

PMID:28587280

Note: This product is for in vitro research use only and is not intended for use in humans or animals.