

ARG45112 anti-CD192 / CCR2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes CD192 / CCR2
Tested Reactivity	Hu
Tested Application	ICC/IF, IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CD192 / CCR2
Species	Human
Immunogen	Synthetic peptide corresponding to N-terminus of Human CD192 / CCR2 protein.
Conjugation	Un-conjugated
Alternate Names	chemokine (C-C motif) receptor 2; HGNC:1603; CC-CKR-2; CCR2A; CCR2B; CKR2; CKR2A; CKR2B; CMKBR2; MCP-1-R; MCP-1 receptor; chemokine (C-C) receptor 2; monocyte chemoattractant protein 1 receptor; monocyte chemotactic protein 1 receptor

Application Instructions

Application table	Application	Dilution
	ICC/IF	10µg/ml
	IHC-P	6µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

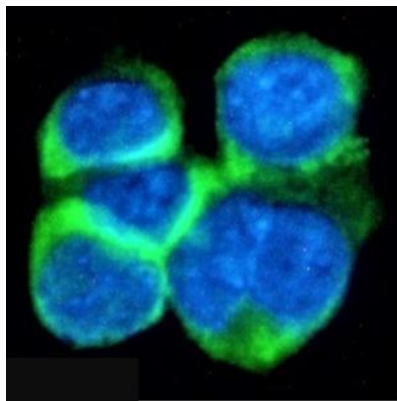
Properties

Form	Liquid
Purification	Affinity purified
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

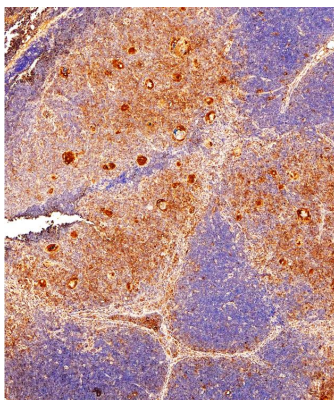
Gene Symbol	CCR2
Gene Full Name	chemokine (C-C motif) receptor 2
Background	The protein encoded by this gene is a receptor for monocyte chemoattractant protein-1, a chemokine which specifically mediates monocyte chemotaxis. Monocyte chemoattractant protein-1 is involved in monocyte infiltration in inflammatory diseases such as rheumatoid arthritis as well as in the inflammatory response against tumors. The encoded protein mediates agonist-dependent calcium mobilization and inhibition of adenylyl cyclase. This protein can also be a coreceptor with CD4 for HIV-1 infection. This gene is located in the chemokine receptor gene cluster region of chromosome 3. [provided by RefSeq, Aug 2017]
Function	Receptor for the CCL2, CCL7 and CCL13 chemokines. Transduces a signal by increasing intracellular calcium ion levels. Alternative coreceptor with CD4 for HIV-1 infection. [UniProt]
Cellular Localization	Cell membrane [UniProt]

Images



ARG45112 anti-CD192 / CCR2 Antibody ICC/IF image

Immunofluorescence: THP-1 cells stained with ARG45112 anti-CD192 / CCR2 Antibody at 10 μ g/ml dilution.



ARG45112 anti-CD192 / CCR2 Antibody IHC-P image

Immunohistochemistry: Human Tonsil stained with ARG45112 anti-CD192 / CCR2 Antibody at 6 μ g/ml dilution.