



Rabbit Anti-CCR2 monoclonal antibody, clone TO818 (CABT-L754)

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

PRODUCT INFORMATION

Target	CCR2
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TO818
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, IHC, IP, FC
Molecular Weight	42 kDa
Cellular Localization	Cell membrane.
Positive Control	K562, human tonsil tissue, human breast carcinoma tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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BACKGROUND

Introduction	C-C or b chemokine family members are characterized by a pair of adjacent cysteine residues and serve as potent chemoattractants and activators of monocytes and T cells. C-C chemokine receptor family members include CKR-1, CKR-2A, CKR-2B, CKR-3, CKR-4, CKR-5, CKR-6, CKR-7, CKR-8, CKR-9, CKR-10 and the Duffy blood group antigen. Each of these receptors are G protein coupled, seven pass transmembrane domain proteins whose major physiological role is to function in the chemotaxis of T cells and phagocytic cells to areas of inflammation. However, this receptor family has also been shown to facilitate viral infection. CKR-2 (C-C chemokine receptor type 2) is a 374 amino acid multi-pass membrane protein that belongs to the C-C chemokine receptor family and is expressed as two isoforms, designated CKR-2A and CKR-2B. Both CKR-2 isoforms function as receptors for a variety of proteins, including MCP-1 and MCP-3, thereby influencing intracellular calcium levels and affecting signal transduction throughout the cell.
Keywords	C C chemokine receptor type 2;C C CKR 2;C-C chemokine receptor type 2;C-C CKR-2;CC chemokine receptor type 2;CC CKR 2;CC-CKR-2;CCCKR2;CCR 2;CCR-2;CCR1L;CCR2;CCR2_HUMAN;CCR2A;CCR2B;CCR5L;CD192;CD192 antigen;Chemokine C C motif receptor 2;Chemokine CC Motif Receptor 2;CKR 2;CKR2;CKR2A;CKR2B;CMKBR2;MCP 1 R;MCP-1-R;MCP1 RECEPTOR;MCP1R;Monocyte chemoattractant protein 1 receptor;Monocyte Chemotactic Protein 1 Receptor;Monocyte Chemotactic Protein 1 Receptor antibody

GENE INFORMATION

Entrez Gene ID	4353
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