



# 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

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

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

<b>Introduction</b>	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.
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<b>Keywords</b>	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
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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">4353</a>
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