



Anti-CCR1 (aa 7-24) polyclonal antibody (CPBT-65062RA)

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

PRODUCT INFORMATION

Product Overview

Rabbit anti Human CD191 antibody recognizes human CD191, otherwise known as CCR1 (C-C chemokine receptor type 1), a transmembrane glycoprotein and member of the G-protein coupled receptor 1 family, expressed by a wide range of cells, acting as a vital signal transducer for the recruitment of effector immune cells to inflammation sites and may play a role in the regulation of Th1/Th2 cytokine responses. CD191 binds to several immunoregulatory chemokines, including MIP-1 alpha (macrophage inflammatory protein 1 alpha), MIP-1 delta, MCP-3 (monocyte chemoattractant protein 3) and RANTES (regulated on activation normal T expressed and secreted protein). Studies have also shown that CD191 binds with high affinity to viral MIP-2, displacing its normal ligands. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10⁶ cells in 100ul. ELISA This product is suitable for use in indirect ELISA applications.

Specificity	CCR1
Immunogen	Synthetic peptide TEDYDTTTEFDYGDATPC corresponding to amino acid residues 7-24 of human CD191.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA; FC; IHC-P; WB
Format	F(ab') ₂ fragment of purified IgG - liquid
Size	50 µl

Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CCR1 chemokine (C-C motif) receptor 1 [Homo sapiens (human)]
Official Symbol	CCR1
Synonyms	CCR1; chemokine (C-C motif) receptor 1; CKR1; CD191; CKR-1; HM145; CMKBR1; MIP1aR; SCYAR1; C-C chemokine receptor type 1; CCR-1; CC-CKR-1; RANTES-R; C-C CKR-1; MIP-1alpha-R; LD78 receptor; RANTES receptor; macrophage inflammatory protein 1-alpha receptor;
Entrez Gene ID	1230
Protein Refseq	NP_001286
UniProt ID	P32246
Chromosome Location	3p21
Pathway	Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; Defective ACTH causes Obesity and Pro-opiomelanocortin deficiency (POMCD); Disease; G alpha (i) signalling events; GPCR downstream signaling;
Function	C-C chemokine binding; C-C chemokine receptor activity; chemokine (C-C motif) ligand 5 binding; chemokine (C-C motif) ligand 7 binding; chemokine receptor activity; phosphatidylinositol phospholipase C activity; protein binding;