



Anti-CCR4 (aa 17-39) polyclonal antibody (CPBT-65065GH)

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

PRODUCT INFORMATION

Product Overview	This product recognises human CD194, otherwise known as CCR4 (C-C chemokine receptor type 4), a transmembrane glycoprotein and member of the G-protein coupled receptor 1 family, preferentially expressed by CD4+ Th2 (type 2 helper T) cells, which acts as a high affinity receptor for the chemokines MDC (macrophage-derived chemokine), MCP-1, MIP-1, RANTES and TARC. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul.
Specificity	CCR4
Immunogen	Synthetic peptide SNYYLYESIPKPCTKEGIKAFGE corresponding to amino acids 17-39 of human CD194.
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA; FC; IHC-P; WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.1% 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	CCR4 chemokine (C-C motif) receptor 4 [Homo sapiens (human)]
Official Symbol	CCR4
Synonyms	CCR4; chemokine (C-C motif) receptor 4; CKR4; K5-5; CD194; CMKBR4; ChemR13; CC-CKR-4; HGCN:14099; C-C chemokine receptor type 4; CCR-4; C-C CKR-4; chemokine (C-C) receptor 4;
Entrez Gene ID	1233
Protein Refseq	NP_005499
UniProt ID	P51679
Chromosome Location	3p24
Pathway	Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; Defective ACTH causes Obesity and Pro-opiomelanocortinin deficiency (POMCD); Disease; G alpha (i) signalling events; GPCR downstream signaling;
Function	C-C chemokine receptor activity; chemokine receptor activity;