



Anti-CCR4 (aa 8-26) polyclonal antibody (CPBT-65066RA)

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

PRODUCT INFORMATION

Product Overview

Rabbit anti mouse CD194 antibody recognizes mouse CD194, otherwise known as CCR4, C-C chemokine receptor type 4, C-C CKR-4or Cmkbr4. CD194 is a 360 amino acid ~42kDa 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. Rabbit anti mouse CD194 polyclonal antibody is reported as suitable for use in immunocytochemistry on human peripheral blood leucocytes or Jurkat cells. 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	CD194
Immunogen	Synthetic peptide DTTQDETVYNSYFYESMP-C corresponding to amino acids 8-26 of mouse CD194.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA; FC; WB
Format	F(ab') ₂ fragment of purified IgG - liquid
Size	50 µl
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 [Mus musculus (house mouse)]
Official Symbol	CCR4
Synonyms	CCR4; chemokine (C-C motif) receptor 4; LESTR; Sdf1r; CHEMR1; Cmkbr4; C-C CKR-4; C-C chemokine receptor type 4; fusin; chemokine (C-C) receptor 4; leukocyte-expressed seven-transmembrane-domain receptor; CD194;
Entrez Gene ID	12773
Protein Refseq	NP_034046
UniProt ID	P51680
Chromosome Location	9 F3; 9 64.49 cM
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; G-protein coupled receptor activity; chemokine receptor activity; signal transducer activity;