



# Anti-CCR5 (aa 6-20) polyclonal antibody (CPBT-65067RH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit anti Human CD195 antibody recognizes the N-terminal region of the chemokine receptor CCR5, also known as CD195. CCR5 is a receptor for the beta chemokines RANTES, MIP-1alpha and MIP-1beta.
<b>Specificity</b>	CCR5
<b>Immunogen</b>	Peptide corresponding to amino acids 6 to 20 of human CCR5.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P; WB
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	100 µg
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CCR5 chemokine (C-C motif) receptor 5 (gene/pseudogene) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CCR5
<b>Synonyms</b>	CCR5; chemokine (C-C motif) receptor 5 (gene/pseudogene); CKR5; CCR-5; CD195; CKR-5; CCCR5; CMKBR5; IDDM22; CC-CKR-5; C-C chemokine receptor type 5; chemr13; HIV-1 fusion coreceptor; chemokine receptor CCR5; C-C motif chemokine receptor 5 A159A;
<b>Entrez Gene ID</b>	<a href="#">1234</a>
<b>Protein Refseq</b>	<a href="#">NP_000570</a>
<b>UniProt ID</b>	P51681
<b>Chromosome Location</b>	3p21.31
<b>Pathway</b>	Binding and entry of HIV virion; 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; Early Phase of HIV Life Cycle;
<b>Function</b>	C-C chemokine binding; C-C chemokine receptor activity; actin binding; chemokine (C-C motif) ligand 5 binding; chemokine receptor activity; coreceptor activity; phosphatidylinositol phospholipase C activity; protein binding;