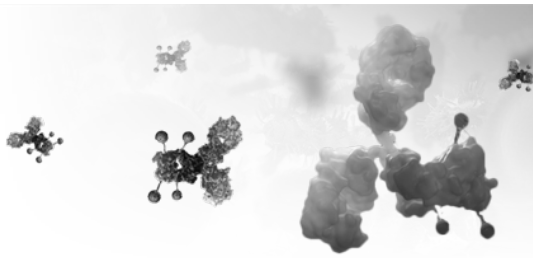

Anti-CCR5 monoclonal antibody, clone HEK/1/85a [R-PE] (CABT-47248RH)

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

PRODUCT INFORMATION

Product Overview	Rat anti Human CD195 antibody, clone HEK/1/85a recognizes the human CD195 cell surface antigen, a 45kDa glycoprotein also known as CCR5. CD195 acts as a receptor for a number of chemokines including RANTES and eotaxin and also serves as a co-receptor for the entry of HIV into cells. CD195 is expressed by a subset of T lymphocytes and by monocytes. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	CCR5
Immunogen	CHO cells transfected with human CCR5.
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Human
Clone	HEK/1/85a
Conjugate	PE
Applications	FC
Format	Purified IgG - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before

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use.

GENE INFORMATION

Gene Name	CCR5 chemokine (C-C motif) receptor 5 (gene/pseudogene) [Homo sapiens (human)]
Official Symbol	CCR5
Synonyms	CCR5; chemokine (C-C motif) receptor 5 (gene/pseudogene); CKR5; CCR-5; CD195; CKR-5; CCCKR5; 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;
Entrez Gene ID	1234
Protein Refseq	NP_000570
UniProt ID	P51681
Chromosome Location	3p21.31
Pathway	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;
Function	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;

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