

Product datasheet for TA320230

CCR5 Mouse Monoclonal Antibody [Clone ID: eBioT21/8 (T21/8)]

Product data:

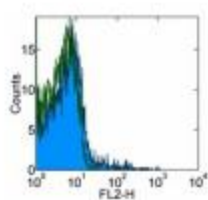
Product Type:	Primary Antibodies
Clone Name:	eBioT21/8 (T21/8)
Applications:	FC
Recommended Dilution:	Flow, ELISA, IHC, IP, WB
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	C-C motif chemokine receptor 5 (gene/pseudogene)
Database Link:	NP_000570 Entrez Gene 1234 Human P51681

Background: The eBioT21/8 monoclonal antibody reacts with the amino terminus of human CCR5 (CD195), an approximately 45 kDa member of the G protein-coupled receptor (GPCR) superfamily that binds chemokines including MIP-1 α , MIP-1 β and RANTES. Human CCR5 is expressed on resting T cells with a memory/effector phenotype, monocytes, macrophages and immature dendritic cells. CCR5 functions as a receptor to direct the chemotaxis of lymphocytes, and is the primary co-receptor for macrophage-tropic Human Immunodeficiency Virus Type 1 (HIV-1), which binds CCR5 through gp120. Binding of the eBioT21/8 monoclonal antibody displays donor variability and may be affected by sub-optimal staining conditions.

Synonyms:	CC-CKR-5; CCCKR5; CCR-5; CD195; CKR-5; CKR5; CMKBR5; IDDM22
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, GPCR, Transmembrane
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction, Endocytosis



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Product images:

Staining of normal human peripheral blood cells with 0.25 ug of Mouse IgG1 kappa Isotype Control Purified (open histogram) or 0.25 ug of Anti-Human CD195 (CCR5) Purified (filled histogram) followed by Anti-Mouse IgG Biotin and Streptavidin PE. Cells in the lymphocyte gate were used for analysis.