

Product datasheet for **TA325319**

CCR5 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against A synthesized peptide derived from human CCR5 around the phosphorylation site of Serine 336
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40 kDa
Gene Name:	C-C motif chemokine receptor 5 (gene/pseudogene)
Database Link:	NP_000570 Entrez Gene 12774 Mouse Entrez Gene 117029 Rat Entrez Gene 1234 Human P51681
Background:	CCR5 a 7-transmembrane G-linked receptor for a number of inflammatory C-C type chemokines including MIP-1-alpha, MIP-1-beta and RANTES. Transduces a signal by increasing the intracellular calcium ion level. May play a role in the control of granulocytic lineage proliferation or differentiation. Acts as a coreceptor (along with CD4) for HIV-1 R5 isolates. Interacts with PRAF2. Interacts with HIV-1 surface protein gp120.

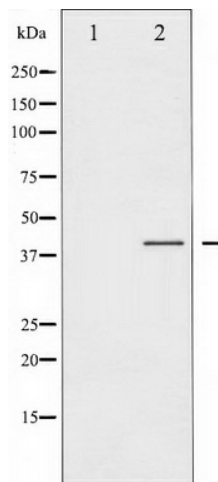


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Synonyms: CC-CKR-5; CCCKR5; CCR-5; CD195; CKR-5; CKR5; CMKBR5; IDDM22

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, GPCR, Transmembrane

Protein Pathways: Chemokine signaling pathway, Cytokine-cytokine receptor interaction, Endocytosis

Product images:

Western blot analysis of CCR5 phosphorylation expression in Jurkat whole cell lysates, The lane on the left is treated with the antigen-specific peptide.