



Capralogics, Inc. Product Data Sheet

Goat anti-mouse CCR4

Catalog #:	CI0122								
Product Description:	Antiserum (affinity purified) to C-C Chemokine Receptor 4 (mouse).								
Sequence of Peptide:	DTTQDETVYNSYYFYESMPC								
Antigen:	Synthetic peptide DTTQDETVYNSYYFYESMPC corresponding to aa 8-26 of mouse CCR4. This sequence corresponds to amino acid residues 8 - 26 of mouse CC chemokine receptor CCR4.								
Host:	Goat								
Form:	Affinity Purified								
Specificity:	Peptide sequence is < 50 % identical to other human chemokine receptors in this region. The antiserum recognizes mouse CCR4. No cross-reactivity to human CCR4. CCR4 is selectively expressed on Th2-type T cells and has been shown to be responsible for Th2-dominant immune responses. Its ligand is the thymus and activation-regulated chemokine TARC. No cross-reactivity to human CCR4.								
Purification Method:	Peptide affinity column								
Buffer:	10 mM KHP04, 140 mM NaCl, pH 7.2								
Formulation:	100 ul of peptide affinity purified IgG in PBS with 1 mg/ml BSA and buffers containing 0.1% sodium azide.								
Titer:	<table><tr><td>ELISA</td><td>1:50000</td></tr><tr><td>Immunoblotting</td><td>1:1000</td></tr><tr><td>Immunocytochemistry</td><td>1:500</td></tr><tr><td>Flow Cytometry</td><td>1.3ul/10⁶ cells/50-100ul</td></tr></table>	ELISA	1:50000	Immunoblotting	1:1000	Immunocytochemistry	1:500	Flow Cytometry	1.3ul/10 ⁶ cells/50-100ul
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Quality Control:	Immunocytochemistry on mouse spleen cells.								
References:	<ol style="list-style-type: none">1. Molecular cloning of mouse CC CKR-4 and high affinity binding of chemokines to murine and human CC CKR-4: A.J. Hoogwerf, D.Black, A.F. Proudfoot, T.N.C. Wells, and C.A. Power; BBRC 218, 337 (1996)								
Stability/Shelf Life:	> 3 years at -70 C								

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