

Human/Rat CCR4 APC-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 205410 Catalog Number: FAB1567A

100 TESTS, 25 TESTS

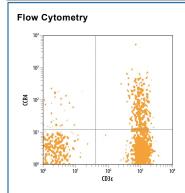
DESCRIPTION			
Species Reactivity	Human/Rat		
Specificity	Stains human CCR4-transfected cell lines but not the corresponding parent cell lines. Also detects human CCR4 on human PBLs and platelets and rat CCR4 on rat splenocytes.		
Source	Monoclonal Mouse IgG _{2B} Clone # 205410		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	Human CCR4 transfectants Met1-Leu360 Accession # P51679		
Conjugate	Allophycocyanin Excitation Wavelength: 620-650 nm Emission Wavelength: 660-670 nm		
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.		
	*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Shee (SDS) for additional information and handling instructions.		

APPLICATIONS

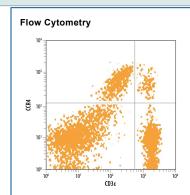
Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Flow Cytometry	10 μL/10 ⁶ cells	See Below

DATA



Detection of CCR4 in Human Blood Lymphocytes by Flow Cytometry. Human peripheral blood lymphocytes were stained with Mouse Anti-Human/Rat CCR4 APC-conjugated Monoclonal Antibody (Catalog # FAB1567A) and Mouse Anti-Human CD3e PE-conjugated Monoclonal Antibody (Catalog # FAB100P). Quadrant markers were set based on control antibody staining (Catalog # IC0041A). View our protocol for Staining Membrane-associated Proteins.



Detection of CCR4 in Rat Splenocytes by Flow Cytometry. Rat splenocytes were stained with Mouse Anti-Human/Rat CCR4 APC-conjugated Monoclonal Antibody (Catalog # FAB1567A) and Anti-Rat CD3æ PE-conjugated Antibody. Quadrant markers were set based on control antibody staining (Catalog # IC0041A). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage

Protect from light. Do not freeze.

• 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

CCR4 is a G protein-linked seven transmembrane domain chemokine receptor that binds the chemokines CCL17/TARC and CCL22/MDC. Current evidence suggests that CCR4 expression is associated with Th-2 type T cells and with platelets. CCR4 expression has also been reported in mature dendritic cells.

