

Mouse CCR7 APC-conjugated Antibody Monoclonal Rat IgG_{2A} Clone # 4B12

Monoclonal Rat IgG_{2A} Clone # 4B12 Catalog Number: FAB3477A 100 TESTS, 25 TESTS

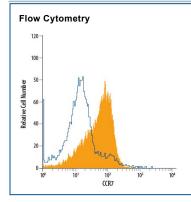
DESCRIPTION			
Species Reactivity	Mouse		
Specificity	Detects mouse CCR7.		
Source	Monoclonal Rat IgG _{2A} Clone # 4B12		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	RBC-2H3 cells expressing mouse CCR7 Accession # NP_031745		
Conjugate	Allophycocyanin Excitation 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 Sheet (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 CCR7 in Mouse CD4* Splenocytes by Flow Cytometry. Mouse CD4* splenocytes were stained with Rat Anti-Mouse CCR7 APC-conjugated Monoclonal Antibody (Catalog # FAB3477A, filled histogram) or isotype control antibody (Catalog # IC006A, open histogram). 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 Prote

Protect from light. Do not freeze.

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

BACKGROUND

CCR7 is a 7TM G protein coupled chemokine receptor. CCR7 is expressed on T cells and mature dendritic cells and transduces chemotactic signals in response to CCL19 and CCL21. Mouse CCR7 shares 87% amino acid sequence identity with human CCR7.

