



Monoclonal Rat IgG_{2A} Clone # 140706 Catalog Number: FAB590P 100 TESTS, 25 TESTS

DESCRIPTION			
Species Reactivity	Mouse		
Specificity	Detects mouse CCR6-transfected rat RBL cells but not the parent cell line or cells transfected with mouse CCR5.		
Source	Monoclonal Rat IgG _{2A} Clone # 140706		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	RBL-1 rat basophilic leukemia cell line transfected with mouse CCR6 Met1-Met367 Accession # O54689		
Conjugate	Phycoerythrin Excitation Wavelength: 488 nm Emission Wavelength: 565-605 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.		

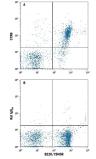
APPLICATIONS

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 CCR6 in Mouse Splenocytes by Flow Cytometry. Mouse splenocytes were stained with Rat Anti-Mouse B220/CD45R APC-conjugated Monoclonal Antibody (Catalog # FAB1217A) and either (A) Rat Anti-Mouse CCR6 PE-conjugated Monoclonal Antibody (Catalog # FAB590P) or (B) Rat $\lg G_{2A}$ Phycocythrin Isotype Control (Catalog # IC006P). 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

CCR6 is a seven transmembrane-spanning G protein-coupled receptor that binds the chemokine MIP-3a and mediates the chemoattraction of B and T lymphocytes.

