Human CCR4 Alexa Fluor® 405-conjugated Antibody

Recombinant Monoclonal Mouse IgG_{2B} Clone # 205410R

Catalog Number: FAB1567RV

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CCR4 in direct ELISAs
Source	Recombinant Monoclonal Mouse IgG_{2B} Clone # 205410R
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Human CCR4 transfectants Met1-Leu360 Accession # P51679
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2 mg/mL 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	0.25-1 µg/10^6 cells	Human peripheral blood mononuclear cells (PBMCs)

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.

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