

DESCRIPTION

Species Reactivity	Human
Specificity	Detect human CCR10. Stains human CCR10-transfected cells but not irrelevant transfectants.
Source	Monoclonal Rat IgG _{2A} Clone # 314305
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Y3 rat myeloid cell line transfected with human CCR10 Gln8-Asn362 Accession # P46092
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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 lymphocytes

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. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

CCR10 is a G protein-linked seven transmembrane domain protein expressed by T cells and B cell subsets that function as a receptor for CCL27. CCR10 mediates lymphocyte migration to the skin and mucosa, and its expression correlates with the metastatic capacity of melanomas.

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