

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ChemR23. Stains human ChemR23-transfected cells but not irrelevant transfectants.
Source	Monoclonal Mouse IgG ₃ Clone # 84939
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human ChemR23 Met1-Leu371 Accession # NP_004063
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 monocytes

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

ChemR23 is a chemoattractant receptor expressed on dendritic cells and activated macrophages. ChemR23 binds Chemerin and functions as a coreceptor for SIV and some primary HIV-1 strains.

References:

- Samson, M. *et al.* (1998) *Eur. J. Immunol.* **28**:1689.

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