

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CXCR6 in direct ELISAs.
Source	Monoclonal Mouse IgG _{2A} Clone # 1010910
Purification	Protein A or G purified from ascites
Immunogen	HEK293 human embryonic kidney cell line transfected with human CXCR6 Met1-Leu342 Accession # O00574
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. *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 PBMCs Stimulated to Induce Th1 Cells

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

CXCR6, also known as BONZO, STRL33, TYMSTR, is the receptor for the C-X-C chemokine CXCL16. CXCR6 is a G protein coupled protein receptor (GPCR) expressed on activated T cells and tumor-infiltrating lymphocytes, and it has been identified as an entry co-receptor used by HIV-1 and SIV to enter target cells, in conjunction with CD4.

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