Human IL-4 Rα Fluorescein-conjugated Antibody

Monoclonal Mouse IgG_{2A} Clone # 25463

Catalog Number: FAB230F
100 TESTS, 25 TESTS

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human IL-4 Rα in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) IL-9 R, recombinant mouse IL-4 R, rhIL-5 Rα, rhIL-5 Rβ, rhIL-13 Rα1, or rhIL-13 Rα2 is observed.
Source	Monoclonal Mouse IgG_{2A} Clone # 25463
Purification	Protein A or G purified from ascites
Immunogen	*S. frugiperda* insect ovarian cell line *Sf* 21-derived recombinant human IL-4 R Gly24-His232 Accession # P24394
Conjugate	Fluorescein Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm (FITC)
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.

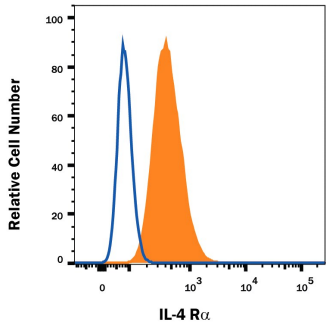
APPLICATIONS

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

Flow Cytometry



Detection of IL-4 Rα in Daudi Human Cell Line by Flow Cytometry. Daudi human Burkitt's lymphoma cell line was stained with Mouse Anti-Human IL-4 Rα Fluorescein-conjugated Monoclonal Antibody (Catalog # FAB230F, filled histogram) or isotype control antibody (Catalog # IC003F, open histogram). 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

Interleukin 4 receptor (IL-4 R) is the transmembrane ligand binding subunit of the heterodimeric IL-4 receptor complex. In the type I receptor complex, IL-4 R associates with the common γ chain, whereas in the type II receptor complex, it associates with IL-13 Rα1. IL-4 R is expressed by B cells, T cells, monocytes and macrophages.

bio-techne
bio-techne.com
Global info@bio-techne.com techsupport@bio-techne.com
North America TEL 800 343 7475 Europe | Middle East | Africa TEL +44 (0)1235 529449
China info.cn@bio-techne.com TEL +86 (21) 52380373
Rest of World bio-techne.com/find-us/distributors TEL +1 612 379 2956