Human CCL4/MIP-1β PerCP-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 24006

Catalog Number: IC271C

100 TESTS

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CCL4/MIP-1β in ELISAs and Western blots. In Western blots, this antibody shows less than 4% cross-reactivity with recombinant human (rh) CCL3/MIP-1α and does not cross-react with recombinant mouse (rm) CCL3/MIP-1α, rmCCL4/MIP-1β, rhCXCL8/IL-8, rhCCL5, rhCXCL1, rhCXCL2, or rhCXCL3.
Source	Monoclonal Mouse IgG_{2B} Clone # 24006
Purification	Protein A or G purified from ascites
Immunogen	*S. frugiperda* insect ovarian cell line *Sf* 21-derived recombinant human CCL4/MIP-1β Ala24-Asn92 Accession # P13236
Conjugate	PerCP (Peridinin-chlorophyll Protein Complex) Excitation Wavelength: 482 and 564 nm Emission Wavelength: 675 nm
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.

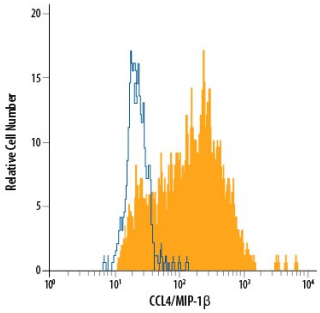
APPLICATIONS

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
Intracellular Staining by Flow Cytometry	10 µL/10^6 cells	See Below

DATA

Intracellular Staining by Flow Cytometry



Detection of CCL4/MIP-1β in LPS-treated Human Blood Monocytes by Flow Cytometry. Human peripheral blood monocytes, resting (open histogram), or treated with LPS (filled histogram), were stained with Mouse Anti-Human CCL4/MIP-1β PerCP-conjugated Monoclonal Antibody (Catalog # IC271C). To facilitate intracellular staining, cells were fixed with Flow Cytometry Fixation Buffer (Catalog # FC004) and permeabilized with Flow Cytometry Permeabilization/Wash Buffer I (Catalog # FC005). View our protocol for Staining Intracellular Molecules.

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

CCL4, also known as Macrophage Inflammatory Protein 1 beta (MIP-1β) is a member of the CC or beta chemokine subfamily. CCL4 is expressed primarily by T cells, B cells, and monocytes after antigen or mitogen stimulation. The functional receptor for CCL4 has been identified as CCR5. Mature human CCL4 shares 77% and 80% aa sequence identity with mouse and rat CCL4, respectively.

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