Mouse IL-18 Rα/IL-1 R5
Alexa Fluor® 700-conjugated Antibody

Monoclonal Rat IgG_1 Clone # 112614

Catalog Number: FAB1216N
100 TESTS, 25 TESTS

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse IL−18 Rα/IL−1 R5 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant mouse (rm) IL-1 RI, rmIL-1 RII, recombinant human (rh) IL-1 R3, rhIL-1 R4, recombinant rat (rr) IL-1 R6, rmIL-1 R7, rhIL-1 R8, rhIL-1 R9, or rmSIGIRR is observed.
Source	Monoclonal Rat IgG_1 Clone # 112614
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse IL−18 Rα/IL−1 R5 Ser19-Gly326 Accession # Q61098
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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.

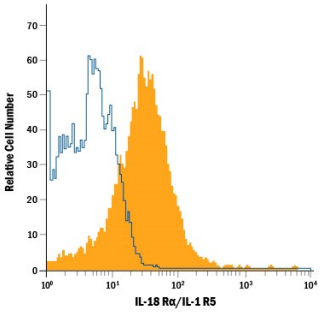
APPLICATIONS

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
Flow Cytometry	5 µL/10^6 cells	See Below

DATA

Flow Cytometry



Detection of IL-18 Rα/IL-1 R5 in EL-4 Mouse Cell Line by Flow Cytometry. EL-4 mouse lymphoblast cell line was stained with Rat Anti-Mouse IL-18 Rα/IL-1 R5 Alexa Fluor® 700-conjugated Monoclonal Antibody (Catalog # FAB1216N, filled histogram) or isotype control antibody (Catalog # IC005N, 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

IL-18 R, also known as IL-18 R alpha, is a member of the IL-1 receptor family and has been designated IL-1 R5.

PRODUCT SPECIFIC NOTICES

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