Human CD43 APC-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 290111

Catalog Number: FAB2038A
100 TESTS

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CD43. Stains human CD43-transfected cells but not irrelevant transfectants.
Source	Monoclonal Mouse IgG_{2B} Clone # 290111
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human CD43 Ser20-Pro400 Accession # P16150
Conjugate	Allophycocyanin Excitation Wavelength: 620-650 nm Emission Wavelength: 660-670 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.

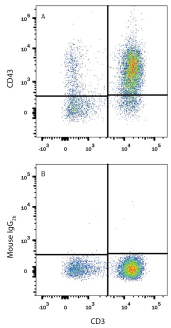
APPLICATIONS

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	10 µL/10^6 cells	See Below

DATA

Flow Cytometry



Detection of CD43 in Human PBMCs by Flow Cytometry. Human peripheral blood mononuclear cells (PBMCs) were stained with Mouse Anti-Human CD3ε PE-conjugated Monoclonal Antibody (Catalog # FAB100P) and either (A) Mouse Anti-Human CD43 APC-conjugated Monoclonal Antibody (Catalog # FAB2038A) or (B) Mouse IgG_{2B} Allophycocyanin Isotype Control (Catalog # IC0041A). 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

CD43, also known as leukosialin and sialophorin and Ly-48 in mouse, is a type I transmembrane sialated mucin that is expressed on most leukocytes and some tumor cells. CD43 restricts leukocyte adhesion and modulates T cell activation.

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