Human TSPAN33 PE-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 545422

Catalog Number: FAB8405P

25 Tests

DESCRIPTION

Species Reactivity	Human
Specificity	Detects HEK293 human embryonic kidney cell line transfected with human TSPAN33 by Flow Cytometry. Does not detect untransfected or irrelevant transfected HEK293 cells.
Source	Monoclonal Mouse IgG_{2B} Clone # 545422
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human TSPAN33 Met1-Tyr283 Accession # NP_848657
Conjugate	Phycoerythrin Excitation Wavelength: 488 nm Emission Wavelength: 565-605 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.

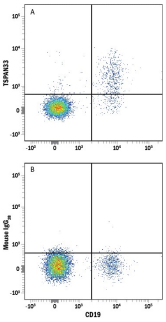
APPLICATIONS

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 TSPAN33 in Human PBMCs by Flow Cytometry. Human peripheral blood mononuclear cells (PBMCs) treated with overnight with Recombinant Human IL-4 (Catalog # 204-IL) and Recombinant Human CD40 Ligand/TNFSF5 (Catalog # 6245-CL) for were stained with Mouse Anti-Human CD19 APC-conjugated Monoclonal Antibody (Catalog # FAB4867A) and either (A) Mouse Anti-Human TSPAN33 PE-conjugated Monoclonal Antibody (Catalog # FAB8405P) or (B) Mouse IgG_{2B} Phycoerythrin Isotype Control (Catalog # IC0041P). 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

TSPAN33 is a homodimeric disulfide-linked member of the tetraspanin family that is predominantly expressed in erythroblasts. It plays an important role in normal erythropoiesis and in the differentiation of erythroid progenitor and is expressed in several lymphomas including Hodgkin's and Diffuse large B cell lymphoma and is expressed in some autoimmune diseases where B cells participate in the pathology. Full-length human TSPAN33 shares 96% amino acid identity with mouse TSPAN33.

bio-techne®
Global bio-techne.com info@bio-techne.com techsupport@bio-techne.com TEL +1 612 379 2956
USA TEL 800 343 7475 Canada TEL 855 668 8722 China TEL +86 (21) 52380373
Europe | Middle East | Africa TEL +44 (0)1235 529449