Human TRA-1-81 APC-conjugated Antibody

Monoclonal Mouse IgM Clone # TRA-1-81
Catalog Number: FAB8495A
25 TESTS

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human TRA-1-81 in flow cytometry.
Source	Monoclonal Mouse IgM Clone # TRA-1-81
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human embryonal carcinoma cell line 2102Ep
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.

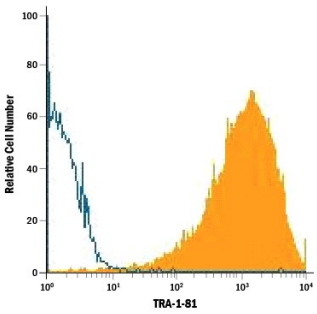
APPLICATIONS

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 TRA-1-81 in BG01V Human Cells by Flow Cytometry. BG01V human embryonic stem cells were stained with Mouse Anti-Human TRA-1-81 APC-conjugated Monoclonal Antibody (Catalog # FAB8495A, filled histogram) or isotype control antibody (Catalog # IC015A, 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

The TRA-1-81 antibody reacts with a high-molecular-mass carbohydrate epitope on the surface of human embryonal carcinoma (EC), embryonic germ (EG), embryonic stem (ES), and induced pluripotent stem (iPS) cells. TRA-1-81 is an epitope expressed on podocalyxin, also known as Podocalyxin-Like Protein-1 (PCLP1 or PODXL), a type I transmembrane glycoprotein.

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