

# **Human TRA-1-81 PE-conjugated Antibody**

Monoclonal Mouse IgM Clone # TRA-1-81 Catalog Number: FAB8495P

25 TESTS

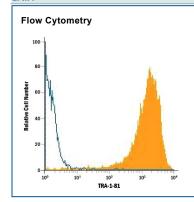
DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human TRA-1-81 in flow cytometry.		
Source	Monoclonal Mouse IgM Clone # TRA-1-81		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	Human embryonal carcinoma cell line 2102Ep		
Conjugate	Phycoerythrin		
	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 <sup>6</sup> cells	See Below

#### DATA



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 PE-conjugated Monoclonal Antibody (Catalog # FAB8495P, filled histogram) or isotype control antibody (Catalog # IC015P, 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.

