

Human TRA-1-85/CD147 PE-conjugated Antibody

Monoclonal Mouse IgG₁ Clone # TRA-1-85

Catalog Number: FAB3195P

100 TESTS

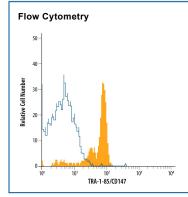
DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human TRA-1-85 antigen.		
Source	Monoclonal Mouse IgG ₁ Clone # TRA-1-85		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	2120Ep human embryonal carcinoma cell line		
Conjugate	Phycoerythrin Excitation 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



Detection of TRA-1-85/CD147 in Human Blood Monocytes by Flow Cytometry. Human peripheral blood monocytes were stained with Mouse Anti-Human TRA-1-85/CD147 PE-conjugated Monoclonal Antibody (Catalog # FAB3195P, filled histogram) or isotype control antibody (Catalog # IC002P, 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-1-85 antigen, also known as OKa blood group antigen, is a specific epitope within the protein known as Basigin, EMMPRIN and CD147. It is a cell surface determinant expressed on almost all human cell types. This antibody has been used in somatic cell hybrid studies to identify tissues of partial human origin (1, 2).

References:

- 1. Williams, B.P. et al. (1988) Immunogenetics. 27:322.
- 2. Spring, F.A. et al. (1997) Eur. J. Immunol. 27:891.

