

# **Human CD151 PE-conjugated Antibody**

Monoclonal Mouse IgG<sub>2B</sub> Clone # 210127

Catalog Number: FAB1884P

100 Tests

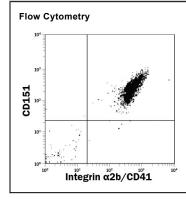
DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human CD151.		
Source	Monoclonal Mouse IgG <sub>2B</sub> Clone # 210127		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	NS0 mouse myeloma cell line transfected with human CD151 Met1-Tyr253 Accession # BAA06229		
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 CD151 in Human Peripheral Blood Platelets by Flow Cytometry. Human peripheral blood platelets were stained with Mouse Anti-Human CD151 PEconjugated Monoclonal Antibody (Catalog # FAB1884P) and FITC-conjugated anti-

human CD41. Quadrant maker was set based on isotype control antibody staining (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

CD151 is a tetraspanin superfamily glycoprotein expressed by endothelium, epithelia, megakaryocytes, and platelets. It associates with other tetraspanin proteins and with some integrins including α3/β1, α6/β1, α6/β1, α6/β1, α6/β1. CD151 modulates cellular adhesion, cell migration, and platelet activation.

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