

30-2647: Anti-Human CD151 Antibody (Clone : 50-6)

Clonality :	Monoclonal
Clone Name :	50-6
Application :	IHC(F), WB, FACS , ICC
Reactivity :	Human
Gene :	CD151
Gene ID :	977
Format :	Purified
Alternative Name :	RAPH blood group, MER2, SFA1, PETA-3, GP27,CD151 molecule (Raph blood group)
Isotype :	Mouse IgG1 kappa
Immunogen Information :	Human epidermoid carcinoma cell line Hep-3

Description

CD151, also known as PETA-3 (platelet-endothelial tetraspan antigen), is a four-pass transmembrane glycoprotein with short cytoplasmic N- and C-termini. CD151 is expressed mainly in platelets and megakaryocytes, immature hematopoietic cells, activated T cells, in endothelium, muscle cells, and epithelial cells. It associates with CD9, CD181, and integrin complexes alpha 3 / beta 1 (CD49c / CD29), alpha 5 / beta 1 (CD49e / CD29), and alpha 6 / beta 4 (CD49f / CD104). CD151 appears to be involved in cell adhesion and migration, including metastasis.

Specificity : The mouse monoclonal antibody CD151 recognizes an extracellular epitope of CD151 (also known as PETA-3), a 29 kDa transmembrane protein of tetraspanin family, expressed in many cell types.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Content :	1 mg/ml Formulation : Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

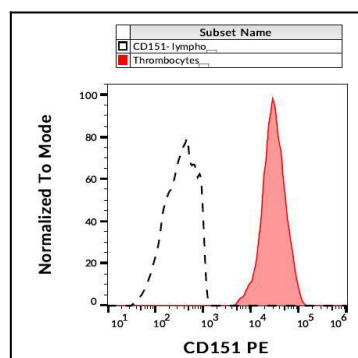


Figure 1 : Flow cytometry analysis (surface staining) of human peripheral blood with anti-human CD151 (50-6) PE.