

**30-2648: Anti-Human CD151 PE (Clone : 50-6)**

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	50-6
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	PE
<b>Gene :</b>	CD151
<b>Gene ID :</b>	977
<b>Alternative Name :</b>	RAPH blood group, MER2, SFA1, PETA-3, GP27,CD151 molecule (Raph blood group)
<b>Isotype :</b>	Mouse IgG1 kappa
<b>Immunogen Information :</b>	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**

<b>Amount :</b>	100 tests
<b>Purification :</b>	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
<b>Content :</b>	Formulation : Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

**Application Note**

Flow cytometry: The reagent is designed for analysis of human blood cells using 10<sup>5</sup> cells / 100 μl of whole blood or 10<sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.