

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

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| 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

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| 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. |

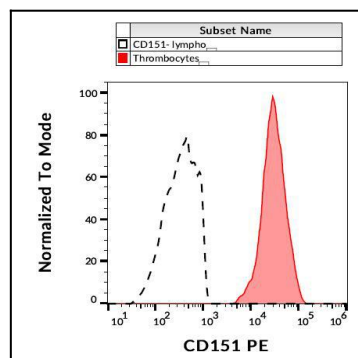


Figure 1 : Flow cytometry analysis (surface staining) of human peripheral blood with anti-human CD151 (50-6) PE.