

Technical Data Sheet

Product

Anti-Hu CD151 APC

Cat. Number/Size

1A-149-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD151
Clone	50-6
Format	APC
Reactivity	Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Excitation laser	red (633 nm)
Isotype	Mouse IgG1 kappa
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.
Other names	RAPH blood group, MER2, SFA1, PETA-3, GP27
Immunogen	Human epidermoid carcinoma cell line Hep-3
Entrez Gene ID	977
Gene name	CD151
NCBI Full Gene Name	CD151 molecule (Raph blood group)
UniProt ID	P48509

Preparation Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Formulation Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

Storage and handling Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Images and References www.exbio.cz

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