

Technical Data Sheet

Product Anti-Hu CD177 PE

Cat. Number/Size 1P-314-T025 25 tests

1P-314-T100 100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen CD177 Clone MEM-166

Format PE

Reactivity Non-human primates, Human

Application FC (QC tested)

Application details Flow cytometry: The reagent is designed for analysis of human blood cells using 20 μl reagent / 100 μl of

whole blood or 10<sup>6</sup> cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.

Excitation laser blue (488 nm)
Isotype Mouse IgG1

Specificity The antibody MEM-166 reacts with CD177 (Neutrophil specific antigen 1), a 60 kDa GPI-linked cell surface

glycoprotein of uPAR family, expressed on granulocytes and in bone marrow early erythroblasts,

megakaryocytes, promyelocytes and myelocytes.

Other names NB1, PRV1, HNA2A

Workshop HLDA VI: WS Code M M17; HLDA VI: WS Code BP 309

Immunogen Human granulocytes

Entrez Gene ID 57126
Gene name CD177

NCBI Full Gene Name CD177 molecule

UniProt ID Q8N6Q3

Preparation Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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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