

Technical Data Sheet

Product

Anti-Hu CD177 Pacific Blue™

Cat. Number/Size

PB-314-T025

25 tests

PB-314-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD177
Clone	MEM-166
Format	Pacific Blue™
Reactivity	Non-human primates, Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Excitation laser	violet (405 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	The purified antibody is conjugated with Pacific Blue™ under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

Images and References	www.exbio.cz
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