

Technical Data Sheet

Product	Anti-Hu CD10 Pacific Blue™	
Cat. Number/Size	PB-209-T025	25 tests
	PB-209-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD10
Clone	MEM-78
Format	Pacific Blue™
Reactivity	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-78 reacts with an extracellular epitope CD10 antigen (CALLA - Common acute lymphatic leukemia antigen), a 100 kDa type II integral membrane protein.
Other names	CALLA, Neprilysin, Neutral endopeptidase, Enkephalinase, Atriopeptidase, MME
Workshop	HLDA IV: WS Code B 506; HLDA V: WS Code B CD10.4
Immunogen	NALM-6 human pre-B cell line
Entrez Gene ID	4311
Gene name	MME
NCBI Full Gene Name	membrane metalloendopeptidase
UniProt ID	P08473

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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