

Technical Data Sheet

Product	Anti-Hu CD98 PE	
Cat. Number/Size	1P-268-T025	25 tests
	1P-268-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD98
Clone	MEM-108
Format	PE
Reactivity	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 ⁶ 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-108 reacts with an extracellular epitope of CD98, a 125 kDa disulfide-linked heterodimer (80 kDa glycosylated heavy chain + 45 kDa non-glycosylated light chain). CD98 is expressed on T lymphocytes (upon activation) and activated NK cells; it is also present at low levels on B lymphocytes, NK cells, monocytes and platelets.
Other names	4F2, MDU1, 4F2HC, 4T2HC, NACAE, SLC3A2
Workshop	HLDA VI: WS Code BP 409; HLDA VI: WS Code NL N-L017
Immunogen	RAJI human Burkitt's lymphoma cell line
Entrez Gene ID	8140
Gene name	SLC7A5
NCBI Full Gene Name	solute carrier family 7 member 5
UniProt ID	Q01650

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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