



	Technical Data Sheet	
Product	Anti-Hu CD98 Biotin	
Cat. Number/Size	1B-268-C025	0.025 mg
	1B-268-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD98	
Clone	MEM-108	
Format	Biotin	
Reactivity	Human	
Application	FC (QC tested), IP, IHC-P	
Application details	Flow cytometry: Recommended dilution: 3 µg/ml.	
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	
Concentration	1 mg/ml	
Preparation	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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