



	Technical Data Sheet	
Product	Anti-Hu CD108 FITC	
Cat. Number/Size	1F-275-T025	25 tests
	1F-275-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD108	
Clone	MEM-150	
Format	FITC	
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 IgM	
Specificity	The antibody MEM-150 reacts with CD108 (JMH blood group antigen), a 80 kDa GPI-anchored extracellular glycoprotein expressed on various cell types including erythrocytes, lymphoblasts; at low levels it is present on circulating lymphocytes.	
Other names	Semaphorin 7a, JMH blood group antigen, SEMAL, SEMAK1	
Workshop	HLDA V: WS Code AS S017; HLDA V: WS Code BP BP347; HLDA VI: WS Code BP 401; HLDA VI: WS Code BP 475; HLDA VI: WS Code NL N-L156; HLDA VI: WS Code P PR-65	
Immunogen	HPB-ALL human T cell line	
Entrez Gene ID	8482	
Gene name	SEMA7A	
NCBI Full Gene Name	semaphorin 7A (John Milton Hagen blood group)	
UniProt ID	O75326	
Preparation	Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.	
Formulation	Stabilizing Tris buffered saline (TBS), pH 8.0, 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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