



Technical Data Sheet

Product	Anti-Hu CD142 Alexa Fluor® 488	
Cat. Number/Size	A4-130-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD142
Clone	HTF-1
Format	Alexa Fluor® 488
Reactivity	Human
Application	WB, IHC-P, ICC, 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	blue (488 nm)
Isotype	Mouse IgG1 kappa
Specificity	The mouse monoclonal antibody HTF-1, also known as HTF1-7B8, recognizes an extracellular epitope of CD142 (tissue factor, coagulation factor III), a type I glycoprotein expressed on endothelial cells, monocytes, macrophages, and platelets upon induction by inflammatory mediators, and expressed constitutively by some tumors, the vasculature, placenta, kidney, and central nervous system.
Other names	F3, tissue factor, tissue thromboplastin, coagulation factor III, TF, TFA
Workshop	HLDA VI: WS Code E016
Immunogen	Human brain tissue factor (CD142)
Entrez Gene ID	2152
Gene name	F3
NCBI Full Gene Name	coagulation factor III, tissue factor
UniProt ID	P13726
Preparation	Purified antibody is conjugated with Alexa Fluor® 488 NHS ester under optimum conditions and 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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