

Technical Data Sheet

Product

**Anti-Hu CD142 PE**

Cat. Number/Size

**1P-130-T025**

**25 tests**

**1P-130-T100**

**100 tests**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Antigen	CD142
Clone	HTF-1
Format	PE
Reactivity	Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (1 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

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Preparation	The purified antibody is conjugated with R-phycoerythrin (PE) 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.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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