

Technical Data Sheet

Product **Anti-Hu CD106 Alexa Fluor® 488**
Cat. Number/Size **A4-606-T100** **100 tests**
For Research Use Only.
Not for use in diagnostic or therapeutic procedures.

Antigen	CD106
Clone	STA
Format	Alexa Fluor® 488
Reactivity	Human
Application	FC (QC tested), IHC-F
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
Specificity	The mouse monoclonal antibody STA recognizes an extracellular epitope of CD106 antigen (VCAM-1), a 100-110 kDa type I membrane protein of the immunoglobulin superfamily, a crucial mediator of leukocyte adhesion, and a costimulation molecule.
Other names	VCAM-1, INCAM-100
Workshop	HLDA V: WS Code A013
Immunogen	Human DS6 T cell line
Entrez Gene ID	7412
Gene name	VCAM1
NCBI Full Gene Name	vascular cell adhesion molecule 1
UniProt ID	P19320

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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