



	Technical Data Sheet	
Product	Anti-Hu CD166 PE	
Cat. Number/Size	1P-855-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD166	
Clone	3A6	
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 ⁶ 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 3A6 recognizes an extracellular epitope of CD166, a type I transmembrane glycoprotein expressed on neurons, activated T cells, activated monocytes, endothelium, epithelium, endometrium, fibroblasts, pluripotent stem cells, and blastocysts.	
Other names	MEMD, ALCAM, KG-CAM	
Workshop	HLDA VI	
Immunogen	cultured human thymic epithelial cells	
Entrez Gene ID	214	
Gene name	ALCAM	
NCBI Full Gene Name	activated leukocyte cell adhesion molecule	
UniProt ID	Q13740	
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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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