



	Technical Data Sheet	
Product	Anti-Hu CD167a PE	
Cat. Number/Size	1P-132-T025	25 tests
	1P-132-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD167a	
Clone	51D6	
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 IgM	
Specificity	The mouse monoclonal antibody 51D6 recognizes an extracellular epitope of CD167a, an approximately 97-101 kDa receptor tyrosine kinase expressed mainly on epithelial cells, but also on B cells and dendritic cells.	
Other names	EDDR1, MCK10, NTRK4, PTK3A, RTK6, CAK, TRKE, DDR1	
Immunogen	CD167a-transfected NIH-3T3 cells	
Entrez Gene ID	780	
Gene name	DDR1	
NCBI Full Gene Name	discoidin domain receptor tyrosine kinase 1	
UniProt ID	Q08345	
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 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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