



	Technical Data Sheet	
Product	Anti-Hu CD158agh PE	
Cat. Number/Size	1P-775-T025	25 tests
	1P-775-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD158agh	
Clone	HP-MA4	
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 IgG2b kappa	
Specificity	The mouse monoclonal antibody HP-MA4 recognizes an extracellular epitope of CD158 isoforms KIR2DL1 (CD158a), KIR2DS5 (CD158g), KIR2DS1 (CD158h), and KIR2DS3. It does not recognize the isoforms CD158b1,d,f,i,j.	
Other names	KIR2DL1, NKAT, KIR2DS1, KIR2DS3, NKAT7, KIR2DS5, NKAT9, CD158g, CD158h, CD158a	
Immunogen	Human NK cell line LB2	
Entrez Gene ID	3805	
Gene name	KIR2DL4	
NCBI Full Gene Name	killer cell immunoglobulin like receptor, two Ig d	
UniProt ID	Q99706	
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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