



	Technical Data Sheet	
Product	Anti-Hu CD161 PE-Cy™7	
Cat. Number/Size	T7-729-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD161	
Clone	HP-3G10	
Format	PE-Cy™7	
Reactivity	Non-human primates, Human	
Application	FC (QC tested)	
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 kappa	
Specificity	The mouse monoclonal antibody HP-3G10 recognizes an extracellular epitope of CD161, a type II transmembrane C-type lectin receptor, expressed on the plasma membrane of NK cells, dendritic cells, activated monocytes and a subset of T cells as a disulphide-linked homodimer.	
Other names	NKRP1A, KLRB1, CLEC5B	
Workshop	HLDA VI	
Immunogen	human NK cells	
Entrez Gene ID	3820	
Gene name	KLRB1	
NCBI Full Gene Name	killer cell lectin like receptor B1	
UniProt ID	Q12918	
Preparation	Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 7 (PE-Cy™7) 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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