



Technical Data Sheet

Product	Anti-Hu CD161 Alexa Fluor® 488		
Cat. Number/Size	A4-729-T100	100 tests	
	For Research Use Only.		
	Not for use in diagnostic or therapeutic procedures.		
Antigen	CD161		
Clone	HP-3G10		
Format	Alexa Fluor® 488		
Reactivity	Non-human primates, Human		
Application	FC (QC tested), WB		
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 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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