

Technical Data Sheet

Product **Anti-Hu CD161 Alexa Fluor® 700**  
Cat. Number/Size **A7-729-T100** **100 tests**  
**For Research Use Only.**  
**Not for use in diagnostic or therapeutic procedures.**

Antigen	CD161
Clone	HP-3G10
Format	Alexa Fluor® 700
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 <sup>6</sup> cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Excitation laser	red (633 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® 700 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](http://www.exbio.cz)

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