

Technical Data Sheet

Product **Anti-Hu CD158agh PE-Cy™7**  
Cat. Number/Size **T7-775-T100** **100 tests**  
**For Research Use Only.**  
**Not for use in diagnostic or therapeutic procedures.**

Antigen	CD158agh
Clone	HP-MA4
Format	PE-Cy™7
Reactivity	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	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 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](http://www.exbio.cz)

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