

Technical Data Sheet

Product **Anti-Hu CD158d Alexa Fluor® 647**

Cat. Number/Size **A6-609-T100** **100 tests**

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD158d
Clone	mAb#33
Format	Alexa Fluor® 647
Reactivity	Human
Application	FC (QC tested), ICC
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	red (633 nm)
Isotype	Mouse IgG1 kappa
Specificity	The mouse monoclonal antibody mAb#33 (also known as mAb 33 or 33) recognizes extracellular portion of CD158d / KIR2DL4, a 45 kDa NK cell marker. Cell surface expression and function of CD158d / KIR2DL4 depends on genotype of particular individuals.
Other names	KIR2DL4, KIR103AS, 103AS, 15.212
Immunogen	NK3.3 cells and KIR2DL4-Ig fusion protein
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 Alexa Fluor® 647 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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