

Technical Data Sheet

Product	Anti-Hu CD164 Alexa Fluor® 488
Cat. Number/Size	A4-135-T100 100 tests
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.

Antigen	CD164
Clone	67D2
Format	Alexa Fluor® 488
Reactivity	Human
Application	WB, ICC, 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
Specificity	The mouse monoclonal antibody 67D2 recognizes an extracellular class III epitope (not sensitive to sialidase, N-glycanase, O-glycosidase, and O-sialoglycoprotease) of CD164, a sialomucin expressed in hematopoietic myeloid and erythroid progenitors, activated basophils, and in various carcinomas and leukemic cells.
Other names	DFNA66, MUC-24, MGC-24, endolyn
Workshop	HLDA VIII
Immunogen	Breast tumor cell line T-47D
Entrez Gene ID	8763
Gene name	CD164
NCBI Full Gene Name	CD164 molecule
UniProt ID	Q04900

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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