



Technical Data Sheet

Product	Anti-Hu CD85k Alexa Fluor® 488	
Cat. Number/Size	A4-906-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD85k
Clone	ZM4.1
Format	Alexa Fluor® 488
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 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 ZM4.1 recognizes an extracellular epitope of human CD85k, a transmembrane glycoprotein expressed by monocytes, macrophages, and dendritic cells.
Other names	HM18, ILT3, LIR5, LILRB4
Immunogen	human CD85k
Entrez Gene ID	11006
Gene name	LILRB4
NCBI Full Gene Name	leukocyte immunoglobulin like receptor B4
UniProt ID	Q8NHJ6
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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