



Technical Data Sheet

Product	Anti-Hu CD207 Alexa Fluor® 488	
Cat. Number/Size	A4-946-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD207	
Clone	2G3	
Format	Alexa Fluor® 488	
Reactivity	Human, Non-human primates	
Application	FC-IC, ICC, IHC-F, 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 lambda	
Specificity	The mouse monoclonal antibody 2G3 recognizes an extracellular/luminal epitope of CD207, a transmembrane protein selectively expressed by Langerhans cells and by some other dendritic cell subsets. This antibody clone can target vaccine-peptides to dendritic cells.	
Other names	CLEC4K, langerin	
Immunogen	Fusion protein of human CD207 extracellular part and IgG Fc fragment	
Entrez Gene ID	50489	
Gene name	CD207	
NCBI Full Gene Name	CD207 molecule	
UniProt ID	Q9UJ71	
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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