



Technical Data Sheet

Product	Anti-Hu CD207 Alexa Fluor® 647	
Cat. Number/Size	A6-946-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD207
Clone	2G3
Format	Alexa Fluor® 647
Reactivity	Human, Non-human primates
Application	ICC, FC (QC tested), IHC-F
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 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® 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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