



Technical Data Sheet

Product	Anti-Hu CD305 Alexa Fluor® 488		
Cat. Number/Size	A4-713-T100	100 tests	
	For Research Use Only.		
	Not for use in diagnostic or therapeutic procedures.		
Antigen	CD305		
Clone	NKTA255		
Format	Alexa Fluor® 488		
Reactivity	Human		
Application	FC (QC tested), WB		
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 NKTA255 recognizes an extracellular epitope of CD305 / LAIR1, a 40 kDa type I transmembrane glycoprotein expressed on NK, T, and B cells, monocytes, dendritic cells, eosinophils, basophils, mast cells, CD34+ hematopoietic progenitor cells and thymocytes.		
Other names	LAIR1		
Workshop	HCDM listed		
Immunogen	Activated NK cells and CD3- thymocytes		
Entrez Gene ID	3903		
Gene name	LAIR1		
NCBI Full Gene Name	leukocyte associated immunoglobulin like receptor		
UniProt ID	Q6GTX8		
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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