

Technical Data Sheet

Product	<b>Anti-Hu CD305 Alexa Fluor® 488</b>
Cat. Number/Size	<b>A4-713-T100</b> <b>100 tests</b>
	<b>For Research Use Only.</b>
	<b>Not for use in diagnostic or therapeutic procedures.</b>

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 <sup>6</sup> 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	<a href="http://www.exbio.cz">www.exbio.cz</a>
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