

Technical Data Sheet

Product	<b>Anti-Hu CD11c PE-Cy™7</b>	
Cat. Number/Size	<b>T7-529-T025</b>	<b>25 tests</b>
	<b>T7-529-T100</b>	<b>100 tests</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Antigen	CD11c
Clone	BU15
Format	PE-Cy™7
Reactivity	Human, Monkey
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 <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 kappa
Specificity	The antibody BU15 reacts with an extracellular epitope of CD11c (alphaX, p150), a 150 kDa integrin expressed mainly on dendritic cells and tissue macrophages.
Other names	Integrin alpha X, ITGAX, SLEB6
Workshop	HLDA III: WS Code M 256; HLDA V: WS Code AS S143; HLDA VI: WS Code AS Ref.6
Immunogen	Dendritic cells of synovial fluid
Entrez Gene ID	3687
Gene name	ITGAX
NCBI Full Gene Name	integrin subunit alpha X
UniProt ID	P20702

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Preparation	Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 7 (PE-Cy™7) 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.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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