



	Technical Data Sheet	
Product	Anti-Hu CD103 PE-Cy™7	
Cat. Number/Size	T7-670-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD103	
Clone	Ber-ACT8	
Format	PE-Cy™7	
Reactivity	Human, Non-human primates	
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 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 kappa	
Specificity	The mouse monoclonal antibody Ber-ACT8 recognizes an extracellular epitope of CD103 (alpha E integrin), a type I transmembrane glycoprotein primarily found on intestinal intraepithelial lymphocytes.	
Other names	Integrin alpha E, ITGAE	
Workshop	HLDA V: WS Code A067	
Immunogen	HTLV-1 induced human T cell line MAPS16	
Entrez Gene ID	3682	
Gene name	ITGAE	
NCBI Full Gene Name	integrin subunit alpha E	
UniProt ID	P38570	
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.	
Images and References	www.exbio.cz	

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