



	Technical Data Sheet	
Product	Anti-Hu CD326 PerCP-Cy™5.5	
Cat. Number/Size	T9-582-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD326	
Clone	323/A3	
Format	PerCP-Cy™5.5	
Reactivity	Human	
Negative species	Rat	
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	
Specificity	The mouse monoclonal antibody 323/A3 recognizes an extracellular epitope of CD326 / EpCAM, a marker of epithelial lineages, that is over-expressed in many carcinomas.	
Other names	EPCAM, GA733-2, EGP314, KSA, KS 1/4 antigen, Trop-1, M4S1, DIAR5, MIC18, TROP1	
Immunogen	Human breast cancer MCF-7 cells	
Entrez Gene ID	4072	
Gene name	EPCAM	
NCBI Full Gene Name	epithelial cell adhesion molecule	
UniProt ID	P16422	
Preparation	Purified antibody is conjugated with activated tandem dye of activated Peridinin-Chlorophyll Protein-Cyanine 5.5 (PerCP-Cy™5.5) 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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