



Technical Data Sheet

Product	Anti-Hu CD326 Alexa Fluor® 647	
Cat. Number/Size	A6-581-T025	25 tests
	A6-581-T100	100 tests
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		

Antigen	CD326
Clone	VU-1D9
Format	Alexa Fluor® 647
Reactivity	Human
Application	FC (QC tested), WB, ICC
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	red (633 nm)
Isotype	Mouse IgG1
Specificity	The mouse monoclonal antibody VU-1D9 recognizes an extracellular epitope within EGF-like domain I of CD326 / EpCAM, a marker of epithelial lineages. This antibody strongly stains various normal epithelial cells and carcinomas.
Other names	EPCAM, GA733-2, EGP314, KSA, KS 1/4 antigen, Trop-1, M4S1, DIAR5, MIC18, TROP1
Immunogen	Small cell lung carcinoma cell line H69.
Entrez Gene ID	4072
Gene name	EPCAM
NCBI Full Gene Name	epithelial cell adhesion molecule
UniProt ID	P16422

Preparation	Purified antibody is conjugated with Alexa Fluor® 647 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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