



	Technical Data Sheet	
Product	Anti-Hu CD326 Purified	
Cat. Number/Size	11-582-C025	0.025 mg
	11-582-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD326	
Clone	323/A3	
Format	Purified	
Reactivity	Human	
Negative species	Rat	
Application	FC, IP, WB, IHC-P, ICC	
Application details	Western blotting: Non-reducing conditions; recommended dilution: 1-2 µg/ml; positive control: MCF-7 cells. Immunoprecipitation: Recommended dilution: 1-4 µg / ml per 100-500 µg of protein in 1 ml lysate. Immunohistochemistry (paraffin sections): Recommended dilution: 1-10 µg/ml; pretreatment: tissue section digestion with pepsin (15 min at RT or 10 min at 37°C, 1 mg / ml Tris-HCl, pH 2.0); positive tissue: breast carcinoma. Immunocytochemistry: Recommended dilution: 1-10 µg/ml. Flow cytometry: Recommended dilution: 1-4 µg/ml.	
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	
Concentration	1 mg/ml	
Preparation	Purified by protein-A affinity chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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