



	Technical Data Sheet	
Product	<b>Anti-HLA-G Purified Azide Free</b>	
Cat. Number/Size	<b>10-292-C025</b>	<b>0.025 mg</b>
	<b>10-292-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	HLA-G	
Clone	MEM-G/9	
Format	Purified Azide Free	
Reactivity	Human	
Negative species	Mouse	
Application	FC (QC tested), IP, IHC-F, ICC, ELISA	
Application details	Flow cytometry: Recommended dilution: 0.3-4 µg/ml; positive control: JEG-3 human choriocarcinoma cell line. Immunocytochemistry: Recommended dilution: 2-5 µg/ml. ELISA: The antibody MEM-G/9 has been tested as the capture antibody in a sandwich ELISA for analysis of human HLA-G in combination with antibody B2M-01 or with antibody W6/32. Coating antibody 10 µg/ml, detection antibody (biotin or peroxidase conjugate) 1 µg/ml. Immunohistochemistry: Recommended dilution: 1-4 µg/ml.	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-G/9 reacts with an extracellular epitope on native form of human HLA-G1 on the cell surface as well as with soluble HLA-G5 isoform in its beta2-microglobulin associated form. Reactivity with HLA-G3 was also reported. The antibody MEM-G/9 is standard reagent thoroughly validated during 3rd International Conference on HLA-G (Paris, 2003).	
Immunogen	Recombinant human HLA-G refolded with beta2-microglobulin and peptide.	
Entrez Gene ID	3135	
Gene name	HLA-G	
NCBI Full Gene Name	major histocompatibility complex, class I, G	
UniProt ID	P17693	
Concentration	1 mg/ml	
Preparation	Purified by protein-A affinity chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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