



	Technical Data Sheet	
Product	Anti-HLA-G Biotin	
Cat. Number/Size	1B-292-C025	0.025 mg
	1B-292-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	HLA-G	
Clone	MEM-G/9	
Format	Biotin	
Reactivity	Human	
Negative species	Mouse	
Application	FC (QC tested), IP, IHC-F, ICC, ELISA	
Application details	Flow cytometry: Recommended dilution: 1-5 µg/ml; positive control: JEG-3 human choriocarcinoma cell line. Immunocytochemistry: Recommended dilution: 2-5 µg/ml. For fixation details see: Emadi et al., Biotech Histochem. 2022 Feb;97(2):136-142. Immunohistochemistry: Recommended dilution: 5-10 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 antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion 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	

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at www.exbio.cz. EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.