



Technical Data Sheet

Product	Anti-HLA-G Purified	
Cat. Number/Size	11-291-C025	0.025 mg
	11-291-C100	0.1 mg
	11-291-M001	1.0 mg
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		
Antigen	HLA-G	
Clone	MEM-G/1	
Format	Purified	
Reactivity	Human	
Application	WB, IHC(P), IHC(F)	
Application details	Immunohistochemistry (paraffin sections): Recommended dilution: 1:60 to 1:100, incubation: 1 h at RT; positive tissue: human placenta - extravillous cytotrophoblast, heat retrieval in 0.01M citrate buffer (4x2 min. in microwave oven). Western blotting: Recommended dilution 1-2 µg/ml.	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-G/1 reacts with an extracellular epitope of denaturated HLA-G heavy chain. HLA-G belongs to the MHC Class I molecules (MHC Class Ib; nonclassical) and it is expressed on the surface of trophoblast cells.	
Immunogen	Denaturated bacterially expressed recombinant human HLA-G heavy chain.	
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, 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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