



	Technical Data Sheet	
Product	Anti-HLA-G Purified	
Cat. Number/Size	11-494-C025	0.025 mg
	11-494-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	HLA-G	
Clone	G233	
Format	Purified	
Reactivity	Human	
Application	FC (QC tested), IP, ELISA, IHC-F	
Application details	Flow cytometry: Extracellular and intracellular staining; recommended dilution: 1-4 µg/ml.	
Isotype	Mouse IgG2a	
Specificity	The mouse monoclonal antibody G233 recognizes an extracellular epitope on several isoforms of HLA-G expressed in all populations of extravillous trophoblast (cell columns, interstitial trophoblast, endovascular trophoblast, placental bed giant cells). HLA-G belongs to the nonclassical MHC Class I molecules (MHC Class Ib). The antibody G233 has been found not to cross-react with any other MHC Class I antigens (HLA-A, -B, -C, -E, -F).	
Immunogen	HLA-A2.1/human beta2-microglobulin double transgenic mice were immunized with murine L cells transfected with both human beta2-microglobulin and HLA-G.	
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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