

Technical Data Sheet

Product

**Anti-HLA-G Purified**

Cat. Number/Size	<b>11-292-C025</b>	<b>0.025 mg</b>
	<b>11-292-C100</b>	<b>0.1 mg</b>
	<b>11-292-M001</b>	<b>1.0 mg</b>

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Antigen	HLA-G
Clone	MEM-G/9
Format	Purified
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.
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

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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.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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