

Technical Data Sheet

Product	<b>Anti-HLA-G FITC</b>	
Cat. Number/Size	<b>1F-292-C025</b>	<b>0.025 mg</b>
	<b>1F-292-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Antigen	HLA-G
Clone	MEM-G/9
Format	FITC
Reactivity	Human
Negative species	Mouse
Application	FC (QC tested)
Application details	Flow cytometry: Recommended dilution: 1-5 µg/ml; positive control: JEG-3 human choriocarcinoma cell line.
Excitation laser	blue (488 nm)
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 antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome 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. Protect from prolonged exposure to light. Do not freeze.

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

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