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Technical Data Sheet

Product	**Anti-HLA-G Alexa Fluor® 647**
Cat. Number/Size	**A6-292-C100** **0.1 mg**
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.

Antigen	HLA-G
Clone	MEM-G/9
Format	Alexa Fluor® 647
Reactivity	Human
Negative species	Mouse
Application	IHC-F, ICC, FC (QC tested)
Application details	Flow cytometry: Recommended dilution: 1-4 µg/ml
Excitation laser	red (633 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

Concentration	1 mg/ml
Preparation	Purified antibody is conjugated with Alexa Fluor® 488 NHS ester 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.

Images and References	www.exbio.cz

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