



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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