



Technical Data Sheet

Product	Anti-HLA-G Alexa Fluor® 488	
Cat. Number/Size	A4-431-C025	0.025 mg
	A4-431-C100	0.1 mg
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		

Antigen	HLA-G
Clone	5A6G7
Format	Alexa Fluor® 488
Reactivity	Human
Application	FC (QC tested), WB, ICC
Application details	Flow cytometry: Recommended dilution: 1-4 µg/ml. Intracellular staining.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The mouse monoclonal antibody 5A6G7 was generated to a peptide corresponding to C-intron 4-encoded sequence. This antibody does not crossreact with the full-length HLA-G1 isoform and thus allows to distinguish between secreted HLA-G5 and HLA-G6 isoforms from shedded HLA-G1.
Immunogen	C-terminal amino acid sequence (22-mer) of soluble HLA-G5 and HLA-G6 proteins coupled to ovalbumin.
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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