

Technical Data Sheet

Product	<b>Anti-HLA-G FITC</b>	
Cat. Number/Size	<b>1F-432-C025</b>	<b>0.025 mg</b>
	<b>1F-432-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

Antigen	HLA-G
Clone	2A12
Format	FITC
Reactivity	Human
Application	FC (QC tested)
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The antibody 2A12 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	The purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Formulation	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

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

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