

Technical Data Sheet

Product

Anti-HLA-G Purified

Cat. Number/Size	11-431-C025	0.025 mg
	11-431-C100	0.1 mg
	11-431-M001	1.0 mg

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	HLA-G
Clone	5A6G7
Format	Purified
Reactivity	Human
Application	WB, IHC(P), IHC(F), ICC, ELISA, FC (QC tested)
Application details	Flow cytometry: Recommended dilution: 1-4 µg/ml. Intracellular staining. Immunohistochemistry (frozen sections): Recommended dilution: 10 µg/ml; positive tissue: placenta. Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml; positive tissue: placenta. ELISA: Positive control: HeLa/HLA-G5 transfectants cell lysate, HeLa/HLA-G5 cell supernatant; negative control: HeLa cell lysate. The antibody 5A6G7 has been tested as the capture antibody in a sandwich ELISA for analysis of soluble HLA-G in combination with antibody W6/32 (cat. no. 1B-422-C100). Western blotting: Positive control: JEG-3 cell lysate, reducing conditions, 12% AA SDS-PAGE.
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 by protein-A affinity chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze.

Images and References www.exbio.cz

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