

Technical Data Sheet

Product

Anti-HLA-G Biotin

Cat. Number/Size

1B-292-C025

0.025 mg

1B-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	Biotin
Reactivity	Human
Negative species	Mouse
Application	FC (QC tested), IP, IHC(F), ICC, ELISA
Application details	Flow cytometry: Recommended dilution: 1-5 µg/ml; positive control: JEG-3 human choriocarcinoma cell line. Immunocytochemistry: Recommended dilution: 2-5 µg/ml. For fixation details see: Emadi et al., Biotech Histochem. 2022 Feb;97(2):136-142. Immunohistochemistry: Recommended dilution: 5-10 µg/ml.
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 biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin 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. Do not freeze.

Images and References www.exbio.cz

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