

Technical Data Sheet

Product

**Anti-HLA-G Purified**

Cat. Number/Size

**11-494-C025**

**0.025 mg**

**11-494-C100**

**0.1 mg**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Antigen	HLA-G
Clone	G233
Format	Purified
Reactivity	Human
Application	FC (QC tested), IP, ELISA, IHC(F)
Application details	Flow cytometry: Extracellular and intracellular staining; recommended dilution: 1-4 µg/ml.
Isotype	Mouse IgG2a
Specificity	The mouse monoclonal antibody G233 recognizes an extracellular epitope on several isoforms of HLA-G expressed in all populations of extravillous trophoblast (cell columns, interstitial trophoblast, endovascular trophoblast, placental bed giant cells). HLA-G belongs to the nonclassical MHC Class I molecules (MHC Class Ib). The antibody G233 has been found not to cross-react with any other MHC Class I antigens (HLA-A, -B, -C, -E, -F).
Immunogen	HLA-A2.1/human beta2-microglobulin double transgenic mice were immunized with murine L cells transfected with both human beta2-microglobulin and HLA-G.
Entrez Gene ID	3135
Gene name	HLA-G
NCBI Full Gene Name	major histocompatibility complex, class I, G
UniProt ID	P17693

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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.

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

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