

Technical Data Sheet

Product

**Anti-HLA-G Purified**

Cat. Number/Size

**11-499-C025**                      **0.025 mg**  
**11-499-C100**                      **0.1 mg**

**For Research Use Only.**

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

Antigen	HLA-G
Clone	4H84
Format	Purified
Reactivity	Human
Application	WB, IP, IHC(P), ICC, ELISA, IHC(F), FC
Application details	Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml. ELISA: The antibody 4H84 has been tested as the capture antibody in a sandwich ELISA for analysis of heavy chains of all HLA-G isoforms in combination with antibody MEM-G/1 (cat. no. 1B-291-C100). Flow cytometry: Recommended dilution: 2-5 µg/ml. Intracellular staining or surface staining after acid treatment (Polakova K. et al. Molecular immunology 1993; 1223-30). Western blotting: Recommended dilution 1-2 µg/ml.
Isotype	Mouse IgG1
Specificity	The mouse monoclonal antibody 4H84 recognizes an extracellular epitope of HLA-G molecule (39 kDa). HLA-G belongs to the MHC Class I molecules (MHC Class Ib; nonclassical) and it is expressed on the surface of trophoblast cells.
Immunogen	amino acids 61-83 of HLA-G of human origin
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](http://www.exbio.cz)

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