

Product datasheet for **SM1591B**

HLAG (HLA-G) Mouse Monoclonal Antibody [Clone ID: MEM-G/1]

Product data:

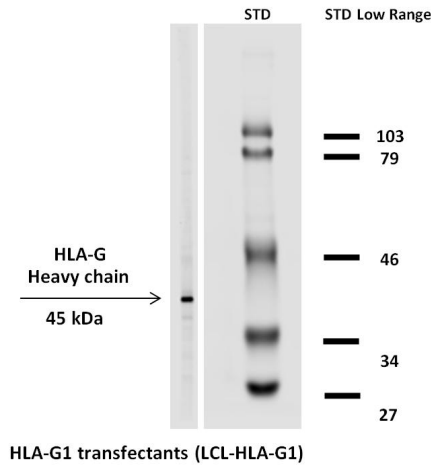
Product Type:	Primary Antibodies
Clone Name:	MEM-G/1
Applications:	IHC, WB
Recommended Dilution:	Western blot: 1:500.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Denatured bacterially expressed recombinant human HLA-G heavy chain
Specificity:	This antibody reacts with denatured HLA-G heavy chain. HLA-G belongs to the MHC Class I molecules (MHC Class Ib; nonclassical) and it is expressed on the surface of trophoblast cells.
Formulation:	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4 Label: Biotin State: Liquid purified Ig fraction Label: Conjugated with -LC-NHS under optimum conditions. The reagent is free of unconjugated biotin
Concentration:	lot specific
Conjugation:	Biotin
Storage:	Store the antibody undiluted at 2 - 8 °C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	major histocompatibility complex, class I, G
Database Link:	Entrez Gene 3135 Human P17693
Synonyms:	HLA-6.0, HLAG, MHC class I antigen G
Protein Families:	Transmembrane



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Protein Pathways:

Allograft rejection, Antigen processing and presentation, Autoimmune thyroid disease, Cell adhesion molecules (CAMs), Endocytosis, Graft-versus-host disease, Natural killer cell mediated cytotoxicity, Type I diabetes mellitus, Viral myocarditis

Product images:


Western blotting analysis (reducing conditions) of HLA-G1 in HLA-G1 transfectants using the antibody MEM-G/1 biotin.

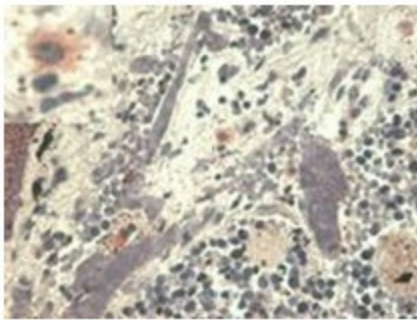


Fig. 1A Immunohistochemistry (pulmonary diseases)

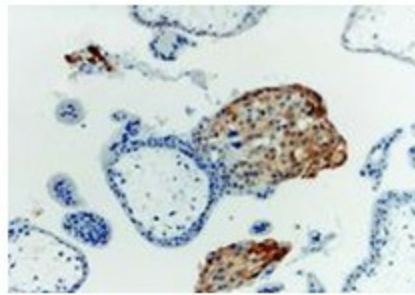


Fig. 1B Immunohistochemistry (first-trimester placenta)

Immunohistochemistry staining with anti-human HLA-G (MEM-G/1). Fig. 1A - pulmonary diseases (paraffin-embedded sections) The antibody MEM-G/1 stains infiltrating macrophages in pulmonary diseases. In the top left corner see the detail of macrophage. Fig. 1B - first-trimester placenta (paraffin-embedded sections)