

HLA-G Monoclonal Antibody (MEM-G/1)

Product Details

Size	100 µg
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	MEM-G/1
Conjugate	Unconjugated
Immunogen	Recombinant human HLA-G denaturated heavy chain.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	15mM sodium azide
Storage conditions	4° C, do not freeze
RRID	AB_1076732

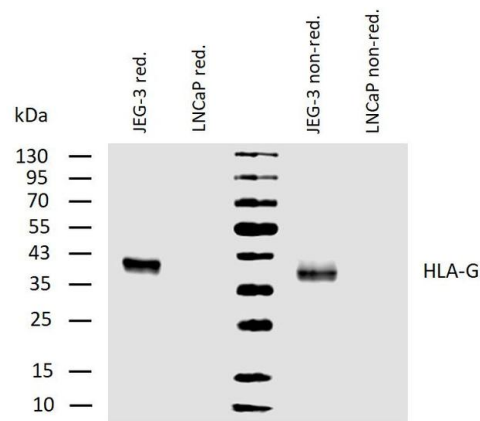
Applications	Tested Dilution	Publications
Western Blot (WB)	1-2 µg/mL	1 Publication
Immunohistochemistry (IHC)	-	3 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:60-1:100	-
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent	-

Product Specific Information

This antibody reacts with denaturated HLA-G heavy chain.

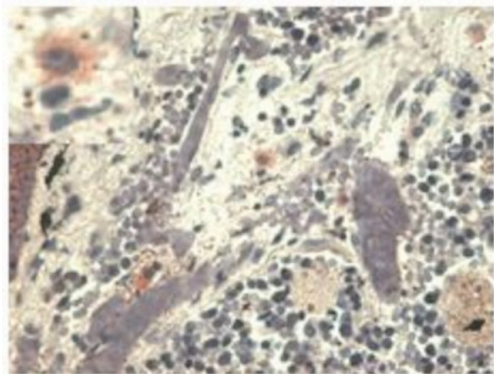
Immunohistochemistry (Paraffin): Incubation: 1 h at RT.

Product Images For HLA-G Monoclonal Antibody (MEM-G/1)



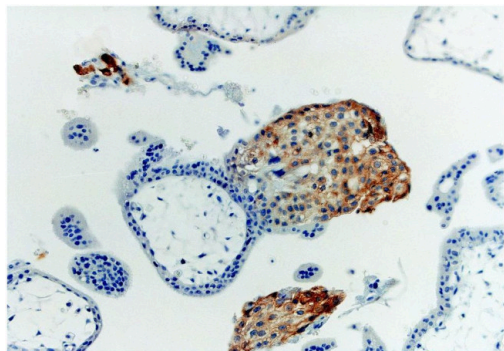
HLA-G Antibody (MA1-19219) in WB

Western blotting analysis of human HLA-G using mouse monoclonal antibody MEM-G/1 on lysates of JEG-3 cell line and LNCaP cell line (negative control) under reducing and non-reducing conditions. Nitrocellulose membrane was probed with 2µg/mL of mouse Monoclonal antibody anti-HLA-G (Product # MA1-19219) followed by IRDye800-conjugated anti-mouse secondary antibody. HLA-G was detected at approximately 40kDa.



HLA-G Antibody (MA1-19219) in IHC (P)

Immunohistochemistry staining with anti-human HLA-G (MEM-G/1) Monoclonal antibody (Product # MA1-19219) - 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.



HLA-G Antibody (MA1-19219) in IHC (P)

Immunohistochemistry staining with anti-human HLA-G (MEM-G/1) Monoclonal antibody (Product # MA1-19219) of first trimester placenta (paraffin-embedded sections).

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Western Blot (1)

Cell biology international	Year 2018
Forkhead box C2 promotes the invasion ability of human trophoblast cells through Hedgehog (Hh) signaling pathway.	
"Published figure using HLA-G monoclonal antibody (Product # MA1-19219) in Western Blot"	
Authors: Zhang Y,Zhang Y	

Immunohistochemistry (3)

Bioengineering (Basel, Switzerland)	Year 2023
Histological Characterization of Class I HLA Molecules in Whole Umbilical Cord Tissue Towards an Inexhaustible Graft Alternative for Reconstructive Surgery.	Species Human
"MA1-19219 was used in Immunohistochemistry-immunofluorescence to characterize the localization and levels of class I human leukocyte antigens (HLAs) to understand the allogenicity of the umbilical cord."	
Authors: Yao YY, Lee DK, Jarvi S, Farshadi M, Sheng M, Mar S, Nevo O, Leong HS	

Reproductive sciences (Thousand Oaks, Calif.)	Year 2013
Association of Wnt2 and sFRP4 expression in the third trimester placenta in women with severe preeclampsia.	
"Published figure using HLA-G monoclonal antibody (Product # MA1-19219) in Immunohistochemistry"	
Authors: Zhang Z, Zhang L, Zhang L, Jia L, Wang P, Gao Y	

[View more IHC references on thermofisher.cn](#)

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