

Product Datasheet

HLA G Antibody (4H84) - BSA Free NB110-55297

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NB110-55297

HLA G Antibody (4H84) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	4H84
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	39 kDa

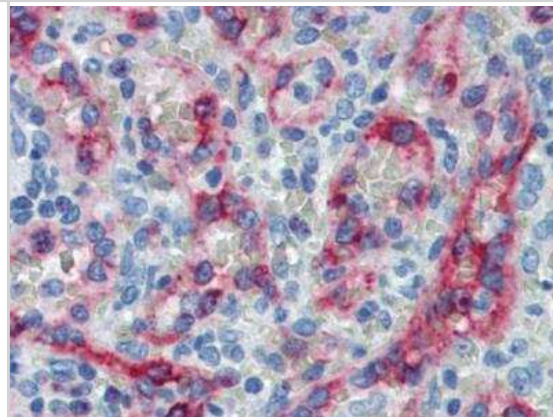
Product Description	
Host	Mouse
Gene ID	3135
Gene Symbol	HLA-G
Species	Human
Specificity/Sensitivity	The antibody 4H84 recognizes HLA-G molecule (39 kDa). HLA-G belongs to the MHC Class I molecules (MHC Class Ib; nonclassical) and it is expressed on the surface of trophoblast cells.
Immunogen	amino acids 61-83 of HLA G Antibody (4H84) of human origin.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA 1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:50, Immunohistochemistry-Paraffin 10 ug/ml
Application Notes	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. NB500-613).

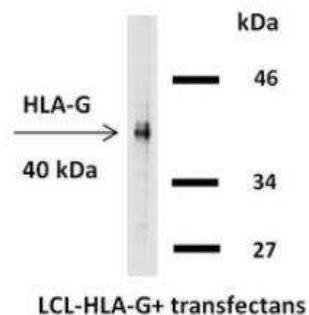


Images

Immunohistochemistry-Paraffin: HLA G Antibody (4H84) [NB110-55297] - Staining of human spleen (paraffin sections) using anti-HLA-G (4H84).



Western Blot: HLA G Antibody (4H84) [NB110-55297] - Analysis of HLA-G in HLA-G1 transfectants (LCL-HLA-G1) by 4H84 antibody-biotin.



Western Blot: HLA G Antibody (4H84) [NB110-55297] - HLA G Antibody (4h84) [NB110-55297] - Immunoprecipitation of HLA-G from HLA-G1 transfectanted lysates (LCL-HLA-G1) by MEM-G/9 antibody and protein G. HLA-G was detected by 4H84 antibody (NB110-55297) and goat anti-mouse-HRP conjugate in cell lysate (Lane 1) and in the immunoprecipitate (Lane 2).



Publications

Cho K, Kook H, Kang S Et al. Study of immune-tolerized cell lines and extracellular vesicles inductive environment promoting continuous expression and secretion of HLA-G from semiallograft immune tolerance during pregnancy J Extracell Vesicles 2020-09-18 [PMID: 32944184]

Details:

Citation using the Alexa Fluor 488 version of this antibody.



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Products Related to NB110-55297

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-61457-20ug	Recombinant Human HLA G His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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