

Product Datasheet

HLA G Antibody (G233) [Biotin] NB110-55298B

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB110-55298B

HLA G Antibody (G233) [Biotin]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	G233
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Biotin
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	3135
Gene Symbol	HLA-G
Species	Human
Specificity/Sensitivity	This antibody (clone G233) recognizes 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 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 Antibody (G233)

Product Application Details	
Applications	ELISA, Flow Cytometry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Flow Cytometry, ELISA, Immunoprecipitation, Immunohistochemistry-Frozen, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Publications

Crovetti B, Maktabi MA, Erfani H et al. Circulating trophoblast numbers as a potential marker for pregnancy complications Prenatal Diagnosis 2022-08-01 [PMID: 35765264]

Vossaert L, Wang Q, Salman R et al. Validation Studies for Single Circulating Trophoblast Genetic Testing as a Form of Noninvasive Prenatal Diagnosis Am. J. Hum. Genet. 2019-11-26 [PMID: 31785788] (Human)

Details:
The biotin conjugated of the HLA G Antibody (G233), NB110-55298, was used for trophoblast enrichment.



**Novus Biologicals USA**

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB110-55298B

NBP2-29370	Streptavidin Native Protein
IC003B	Mouse IgG2a Isotype Control (20102) [Biotin]
NBP2-61457-20ug	Recombinant Human HLA G His Protein
210-TA-005	TNF-alpha [Unconjugated]

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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