

Product Datasheet

HLA G Antibody (G233) - BSA Free NB110-55298

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NB110-55298

HLA G Antibody (G233) - BSA Free

Product Information

Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	G233
Preservative	0.9% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description

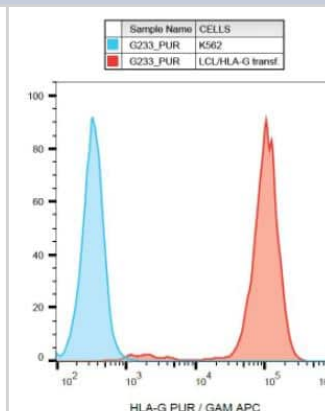
Host	Mouse
Gene ID	3135
Gene Symbol	HLA-G
Species	Human
Specificity/Sensitivity	This antibody (clone G233) recognizes several isoforms of HLA-G expressed in all populations of extravillous trophoblast (cell columns, interstitial trophoblast, endovascular trophoblast, placental bed giant cells). HLA-G 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 1-4 ug/ml, ELISA 1:2000, Immunoprecipitation 1:50, Immunohistochemistry-Frozen, CyTOF-ready
Application Notes	This antibody is Cytof ready.

Images

Flow Cytometry: HLA G Antibody (G233) [NB110-55298] - Surface staining of HLA-G in HLA-G transfectants using anti-HLA-G (G233) purified / GAM-APC.



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]

Sheridan MA, Fernando RC, Gardner L et al. Establishment and differentiation of long-term trophoblast organoid cultures from the human placenta Nat Protoc 2020-10-01 [PMID: 32908314]

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.





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Products Related to NB110-55298

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
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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