

# Product Datasheet

## HLA G Antibody (01G) - BSA Free NBP1-44926

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP1-44926**

HLA G Antibody (01G) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	01G
Preservative	15mM Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4

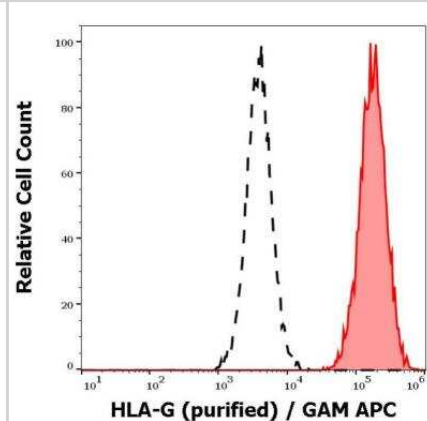
Product Description	
Description	Novus Biologicals Mouse HLA G Antibody (01G) - BSA Free (NBP1-44926) is a monoclonal antibody validated for use in IHC, ELISA, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3135
Gene Symbol	HLA-G
Species	Human, Mouse (Negative), Rat (Negative)
Specificity/Sensitivity	The antibody 01G recognizes membrane-bound form of HLA-G (full-length HLA-G1), but not soluble forms. HLA-G belongs to the MHC Class I molecules (MHC Class Ib; nonclassical) and it is expressed on the surface of trophoblast cells.
Immunogen	HLA-B27 transgenic mice were immunized with H-2 identical murine cells transfected with and expressing genes encoding HLA G Antibody (01G) and human beta2-microglobulin.

Product Application Details	
Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Flow Cytometry 2-4 ug/ml, ELISA 1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:50, Immunohistochemistry-Frozen 1:200, CyTOF-ready
Application Notes	This antibody is Cytof ready.

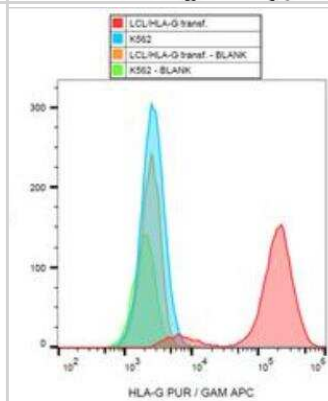


## Images

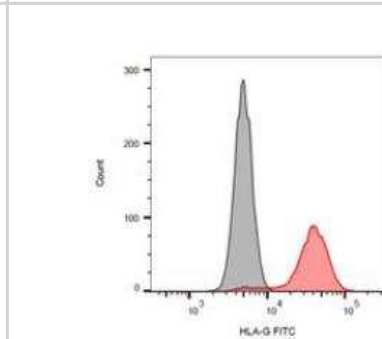
Flow Cytometry: HLA G Antibody (01G) - BSA Free [NBP1-44926] - Separation of HLA-G transfected LCL cells (red-filled) from K562 cells (black-dashed) in flow cytometry analysis (surface staining) using anti-human HLA-G (01G) purified antibody (concentration in sample 16 ug/ml) GAM APC.



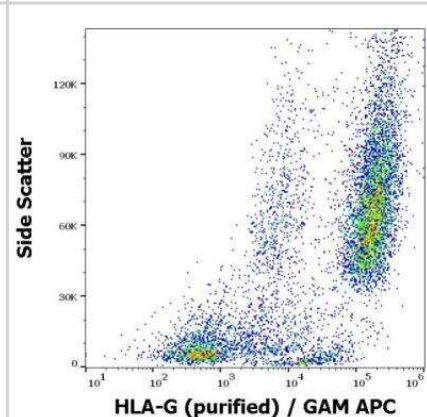
Flow Cytometry: HLA G Antibody (01G) [NBP1-44926] - Surface staining of HLA-G transfected LCL cells with anti-HLA-G (01G) purified, GAM-APC.



Flow Cytometry: HLA G Antibody (01G) [NBP1-44926] - Surface staining of HLA-G transfected LCL cells with anti-HLA-G (01G) FITC.



Flow Cytometry: HLA G Antibody (01G) - BSA Free [NBP1-44926] - Surface staining pattern of HLA-G transfected LCL cells using anti-human HLA-G (01G) purified antibody (concentration in sample 16 ug/ml) GAM APC.





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### Products Related to NBP1-44926

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-44926UV	HLA G Antibody (01G) [DyLight 350]

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### 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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