

Product datasheet for **TA325084**

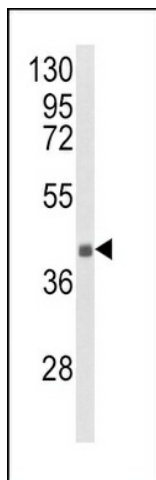
HLA-G (HLA-G) Rabbit Polyclonal Antibody

Product data:

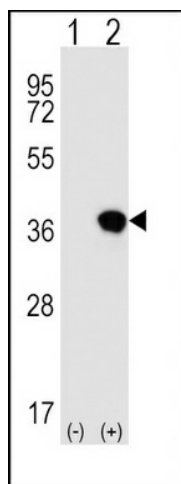
Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	WB: 1:1000, IHC: 1:10~50, FC: 1:10~50
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This HLA-G antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 62-89 amino acids from the Central region of human HLA-G.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	38224 Da
Gene Name:	major histocompatibility complex, class I, G
Database Link:	NP_002118 Entrez Gene 3135 Human P17693
Synonyms:	MHC-G
Protein Families:	Transmembrane
Protein Pathways:	Allograft rejection, Antigen processing and presentation, Autoimmune thyroid disease, Cell adhesion molecules (CAMs), Endocytosis, Graft-versus-host disease, Natural killer cell mediated cytotoxicity, Type I diabetes mellitus, Viral myocarditis



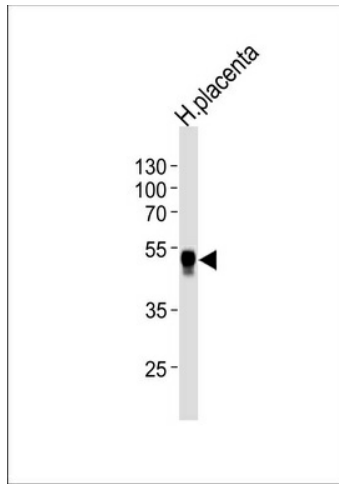
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Product images:


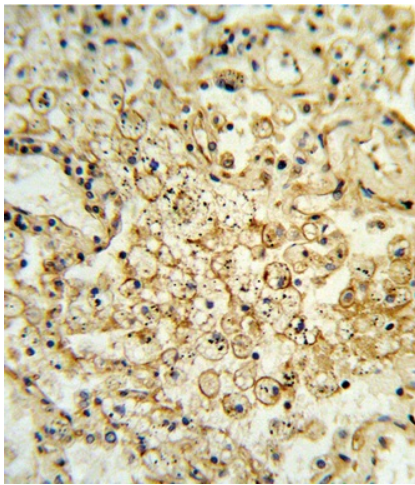
Western blot analysis of HLA-G Antibody (Center) (Cat. #TA325084) in NCI-H460 cell line lysates (35ug/lane). HLA-G (arrow) was detected using the purified Pab.



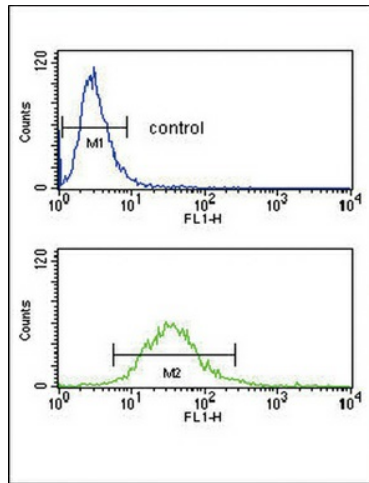
Western blot analysis of HLA-G (arrow) using rabbit polyclonal HLA-G Antibody (Center) (Cat. #TA325084). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the HLA-G gene.



Western blot analysis of lysate from human placenta tissue lysate, using HLA-G Antibody (Center) (Cat. #TA325084). TA325084 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.



Formalin-fixed and paraffin-embedded human lung carcinoma reacted with HLA-G Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



HLA-G Antibody (Center) (Cat. #TA325084) flow cytometry analysis of NCI-H460 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.