

# HLA-G antibody [87G] (Biotin)

**Cat. No. GTX80253**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Application</b>	WB, IHC-Fr, FACS, ELISA
<b>Reactivity</b>	Human

Reference ( 1 )  
Package  
100 µg

## APPLICATION

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
IHC-Fr	Assay dependent
FACS	Assay dependent
ELISA	Assay dependent

Not tested in other applications.

**Calculated MW** 38 kDa. ( [Note](#) )

### Product Note

This antibody recognizes both membrane-bound and soluble forms of HLA-G (HLA-G1 and HLA-G5). The antibody 87G blocks interaction of HLA-G with inhibitory receptors.  
We do not recommend use of this product for Mouse,Rat samples.

## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	15mM Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	HLA-B27 transgenic mice were immunized with H-2 identical murine cells transfected with and expressing genes encoding HLA-G and human beta2-microglobulin.
<b>Purification</b>	Purified IgG
<b>Conjugation</b>	Biotin The reagent is free of unconjugated biotin.

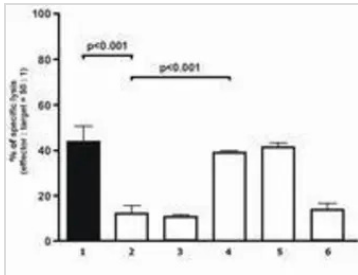


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**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**

**GTx80253 WB Image**

Analysis of cytolytical activity of human polyclonal NK cells on target melanoma cells. Blocking of HLA-G1 on transfectants with anti-human HLA-G (87G) restored specific lysis. Target cells: M8 cell line transfected with empty vector (column 1) and with HLA-G1 cDNA (columns 2-6). Blocking antibodies: Column 1-2: none Column 3: Isotype mouse IgG2a control Column 4: anti-human HLA-G (87G) purified Column 5: anti-human HLA-G (87G) F(ab')2 fragment Column 6: anti-human HLA-G (MEM-G/9)



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