

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

## Cat. No. GTX80253

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, IHC-Fr, FCM, ELISA
Reactivity	Human

References ( 1 )

Package

100 µg

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
IHC-Fr	Assay dependent
FCM	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

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



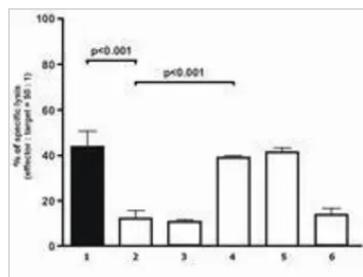
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Date 2026 / 01 / 07 Page 1 of 2

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**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: noneColumn 3: Isotype mouse IgG2a controlColumn 4: anti-human HLA-G (87G) purifiedColumn 5: anti-human HLA-G (87G) F(ab')2 fragmentColumn 6: anti-human HLA-G (MEM-G/9)



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Date 2026 / 01 / 07 Page 2 of 2