

HLA-G antibody [87G] (Low Endotoxin)

Cat. No. GTX80252

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Application	IHC-Fr, FACS, ELISA, Functional Assay
Reactivity	Human

Reference (1)
Package
100 µg

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
IHC-Fr	Assay dependent
FACS	Assay dependent
ELISA	Assay dependent
Functional Assay	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	Filter-sterilized PBS
Preservative	No preservative
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	Protein A purified
Endotoxin	< 0.01 EU/µg (determined by the LAL assay)
Conjugation	Unconjugated

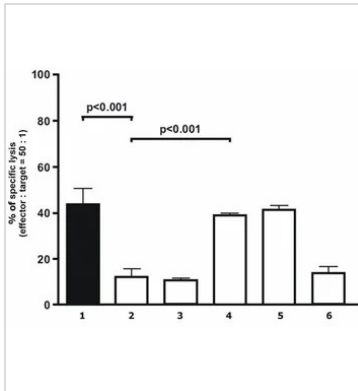


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Note

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

GTx80252 Functional Assay Image

Effect on cytotoxic activity of human polyclonal NK cells on M8 cells transfected with empty vector (column 1) and with HLA-G1 cDNA (columns 2-6). Blocking of HLA-G1 on transfectants with anti-human HLA-G (87G) restored specific lysis.

Blocking antibodies -

Column 1-2 : None

Column 3 : Isotype mouse IgG2a control

Column 4 : GTx80252 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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