

HLA-G antibody [87G] (PE)

Cat. No. GTX80255

| | |
|---------------------|------------|
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG2a |
| Applications | WB, FCM |
| 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 |
| FCM | 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. Protect from light. |
| Concentration | 0.1 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 by size-exclusion chromatography |
| Conjugation | Phycoerythrin (PE) Wavelength |



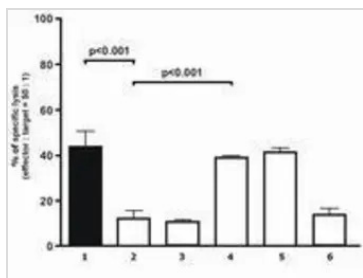
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Note

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



GTX80255 WB Image

Analysis of cytotoxic 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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