

Product datasheet for **AM03060BT-N**

HLA-G (HLA-G) Mouse Monoclonal Antibody [Clone ID: 87G]

Product data:

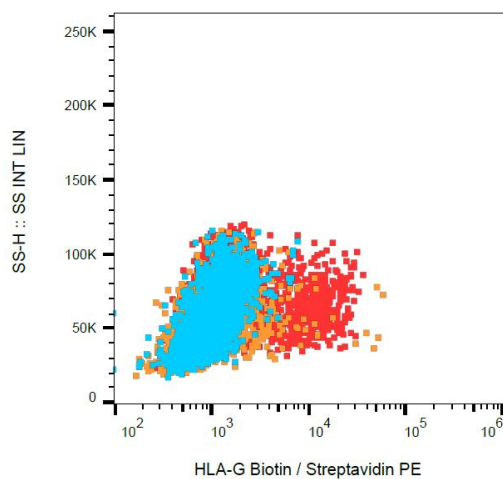
Product Type:	Primary Antibodies
Clone Name:	87G
Applications:	ELISA, FC
Recommended Dilution:	Suitable for Flow Cytometry (1/500) analysis of cells expressing HLA-G molecule on the cell surface. ELISA.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	HLA-B27 transgenic mice were immunized with H-2 identical murine cells transfected with and expressing genes encoding HLA-G and human beta2-microglobulin.
Specificity:	The antibody 87G recognizes both membrane-bound and soluble forms of HLA-G (HLA-G1 and HLA-G5).
Formulation:	PBS, pH 7.4 with 15 mM sodium azide as preservative Label: Biotin State: Liquid purified Ig fraction Label: Conjugated with Biotin-LC-NHS under optimum conditions. The reagent is free of unconjugated biotin.
Concentration:	lot specific
Conjugation:	Biotin
Storage:	Store the antibody undiluted at 2 - 8 °C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	major histocompatibility complex, class I, G
Database Link:	Entrez Gene 3135 Human P17693
Background:	HLA-G belongs to the MHC Class I molecules (MHC Class Ib; nonclassical) and it is expressed on the surface of trophoblast cells.



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Synonyms: HLA-6.0, HLAG, MHC class I antigen G

Product images:



Surface staining of HLA-G transfectants (red) compared with K562 cells (orange) and blank (blue), with anti-HLA-G antibody (87G) biotin / streptavidin-PE.