Product datasheet for SM1592APC

HLAG (HLA-G) Mouse Monoclonal Antibody [Clone ID: MEM-G/9]

Product data:

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Product Type:	Primary Antibodies
Clone Name:	MEM-G/9
Applications:	FC
Recommended Dilution:	**Flow Cytometry** of cells expressing HLA-G molecule on the cell surface. Use 1/100 as a starting point.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant human HLA-G refolded with beta2-microglobulin and peptide
Specificity:	The antibody MEM-G/9 reacts with native form of Human HLA-G1 on the cell surface as well as with soluble HLA-G5 isoform in its beta2-microglobulin associated form. Reactivity with HLA-G3 was also reported. The antibody MEM-G/9 is standard reagent thoroughly validated during 3rd International Conference on HLA-G (Paris, 2003).
Formulation:	Phosphate buffered saline (PBS) solution containing 15mM sodium azide Label: APC State: Liquid purified Ig fraction Label: Conjugated with cross-linked Allophycocyanin under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Concentration:	lot specific
Conjugation:	APC
Storage:	Store undiluted at 2-8°C. **DO NOT FREEZE!** This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	major histocompatibility complex, class I, G

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

Product images:
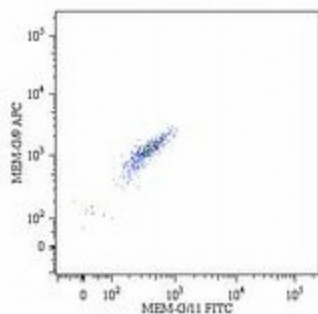
Double surface staining of HLA-G1 transfectants (viable cells gate) using anti-human HLA-G (MEM-G/9) APC and anti-human HLA-G (MEM-G/11) FITC.