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Product datasheet for AM03005FC-N

HLA Class I ABC Mouse Monoclonal Antibody [Clone ID: W6/32]

Product data:

Product Type:	Primary Antibodies
Clone Name:	W6/32
Applications:	FC
Recommended Dilution:	**Flow Cytometry** (1/300 as starting dilution).
Reactivity:	Bovine, Feline, Human, Primate
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Membrane of Human tonsil cells
Specificity:	The antibody W6/32 recognizes virtually all nucleated human cells. It is a valuable reagent for analysing variations in HLA class I expression in different disease states e.g. liver disease, muscular dystrophy, inflammatory myopathy and other neuromuscular disorders. This antibody W6/32 is also suitable as a Positive Control for HLA tissue typing and crossmatching.
Formulation:	Phosphate buffered saline (PBS), pH~7.4 Label: FITC State: Liquid purified IgG fraction Preservative: 15 mM Sodium Azide Label: Conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC.
Concentration:	lot specific
Conjugation:	FITC
Storage:	Store the antibody 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.

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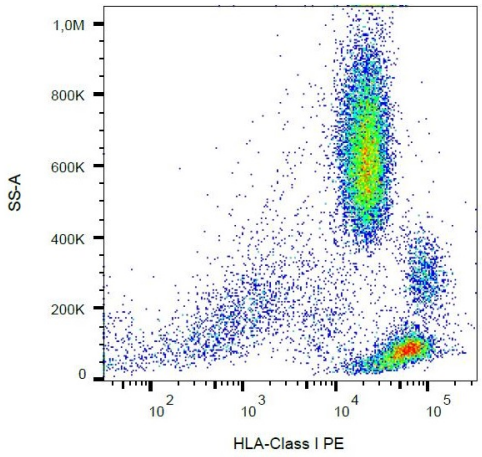
Background: HLA-class I major histocompatibility (MHC) antigens are intrinsic membrane glycoproteins expressed on nucleated cells and noncovalently associated with an invariant beta-2 microglobulin. They carry foreign determinants important for immune recognition by cytotoxic T cells, thus important for anti-viral and anti-tumour defence. Human HLA-class I antigens are represented by HLA-A, HLA-B and HLA-C molecules.
MHC Class I molecules (MHC Class Ia) are expressed on the surface of all human cell types.

Synonyms: MHC class I ABC, HLA Class 2 ABC

Product images:



Surface staining of human peripheral blood cells with anti-HLA-class I (W6/32) PE.