PA007472.h1Fs: Recombinant Anti-human HLA-ABC Monoclonal Antibody (Clone: W6/32) for Flow Cytometry, Human IgG1 Fc Silent Kappa, In vivo Grade

Catalog No.: PA007472.h1Fs | **Product Name:** Recombinant Anti-human HLA-ABC Monoclonal Antibody (Clone: W6/32), Human IgG1 Fc Silent Kappa

Recombinant Human IgG1 isotype controls are available. Condition of sample preparation and optimal sample dilution should be determined experimentally by the investigator.

PRODUCT SPECIFICATIONS

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Product Name	Recombinant Anti-human HLA-ABC Monoclonal Antibody (Clone: W6/32), Human IgG1 Fc Silent Kappa
Supplier Name	Syd Labs, Inc.
Brand Name	Syd Labs
Synonyms	Major Histocompatibility Class I, MHC class I, human leukocyte antigen (HLA), HLA class I histocompatibility antigen
Clone	W6/32.
Isotype	Human IgG1 Fc Silent Kappa
Source/Host	The anti-human HLA-ABC monoclonal antibody (clone: W6/32) for Flow Cytometry was produced in mammalian cells.
Specificity/Sensitivity	The recombinant W6/32 antibody for Flow Cytometry specifically binds to mouse HLA-ABC.
Applications	Flow cytometry (FC), and Immunohistochemistry - Frozen (IHC-F).
Form Of Antibody	0.2 uM filtered solution, pH 7.4, containing 0.09% sodium azide.
Conjugate	Non-conjugated.
Purity	>95% by SDS-PAGE under reducing conditions.
Shipping & Storage	Shipped with ice pack. Store at 2 to 8°C as supplied (12 months from receipt). Do not freeze.

REFERENCES & BACKGROUND

The W6/32 monoclonal antibody specifically recognizes a monomorphic epitope present on all human HLA Class I molecules (HLA-A, HLA-B, and HLA-C) when complexed with beta-2-microglobulin. Recombinantly engineered with a Human IgG1 Fc-Silent domain to minimize non-specific Fc receptor interactions, this format provides significantly reduced background noise in flow cytometry analysis while maintaining high binding specificity across human cell lines and primary immune cells.