

Purified Anti-Human HLA-A,B,C Antibody[W6/32], Functional Grade

catalog number: E-AB-F11300

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

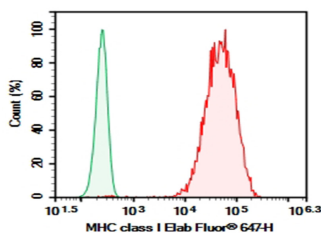
Reactivity	Human
Immunogen	Recombinant MHC class I protein
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone	W6/32
Purification	>98%, Protein A/G purified
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

Applications

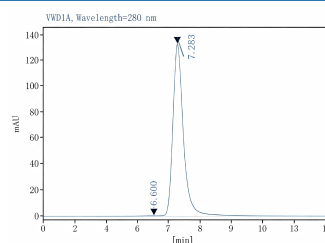
Recommended Dilution

FCM	2 μ g/mL (0.5 \times 10 ⁶ - 1 \times 10 ⁶ cells)
FA	Reported in the literature

Data



Human peripheral blood lymphocytes were stained with 0.2 μ g Purified Anti-Human HLA-A,B,C Antibody[W6/32], Functional Grade (Right) and 0.2 μ g Mouse IgG2a, κ Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody.



Monomer purity \geq 95% as determined by analytical size-exclusion chromatography (SEC)

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
Shipping	Ice bag

Background

MHC class I antigens associated with β 2-microglobulin are expressed by all human nucleated cells. MHC class I molecules are involved in presentation of antigens to CD8⁺ T cells. They play an important role in cell-mediated immune responses and tumor surveillance.

None (Azide-Free, Low Endotoxin) are perfectly suited to be used in culture or in vivo (for nonhuman studies) for functional assays blocking, neutralizing, activation or depletion where the presence of azide may damage cells or exogenous endotoxin may signal or activate cells.

Application References

N M Valenzuela, et al. Am J Transplant. 2013 Feb;13(2):299-311.

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