

Technical Data Sheet

iF647 Anti-Human HLA-ABC

Catalog Number: 102809, 102810

Size: 25 tests, 100 tests

Target Name: HLA-ABC, Major Histocompatibility Class I, MHC class I

Regulatory Status: RUO

Product Details

Clone: W6/32

Application: FC

Reactivity: Human

Format: iF647

Isotype: Mouse IgG2a

Antibody Type: Monoclonal

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA

Protein Concentration: Supplied at a lot-specific concentration.

Storage and Handling: The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.

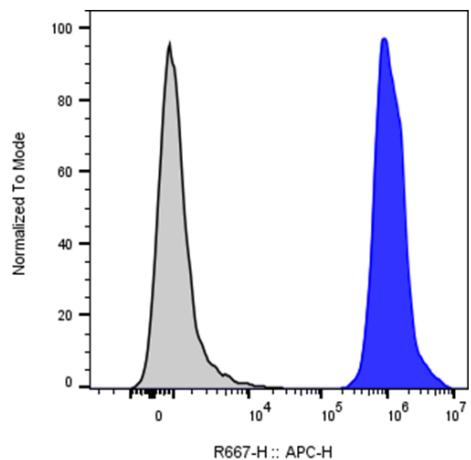
Recommended Usage: For flow cytometric staining, it is recommended to use 5 uL of this reagent per 0.5-1.0 million cells in a 100 μ L volume. Optimal reagent performance should be determined by titration for each specific application.

Excitation Laser: Red Laser (633 nm)

Background Information

The human leukocyte antigen (HLA) system or complex of genes on chromosome 6 in humans which encode cell-surface proteins responsible for regulation of the immune system.[1] The HLA system is also known as the human version of the major histocompatibility complex (MHC) found in many animals. HLAs corresponding to MHC class I (A, B, and C), all of which are the HLA Class1 group, present peptides from inside the cell. 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.

Product Data



Human peripheral blood lymphocytes stained with either iF647 Anti-Human HLA-ABC Clone W6/32 (color-filled histogram) or an isotype control (gray histogram).