

HLA-A2 Monoclonal Antibody (BB7.2), Super Bright™ 436, eBioscience™

Product Details	
Size	25 Tests
Host/Isotype	Mouse / IgG2b, kappa
Recommended Isotype Control	Mouse IgG2b kappa Isotype Control (eBMG2b), Super Bright™ 436, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	BB7.2
Conjugate	Super Bright™ 436
Excitation/Emission Max	413/431 nm
Form	Liquid
Concentration	5 µL/Test
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2784840

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.25 µg)/test	-

Product Specific Information

Description: This BB7.2 monoclonal antibody recognizes the human major histocompatibility complex (MHC) class I molecule HLA-A2, which is a member of the HLA-A family. MHC class I exists as a single alpha chain composed of three domains. This molecule associates with beta 2-microglobulin and is expressed on all nucleated cells.™

™
The BB7.2 monoclonal antibody has been reported to exhibit blocking activity, as well as recognize HLA-A28.™

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Applications Reported: This BB7.2 antibody has been reported for use in flow cytometric analysis.™

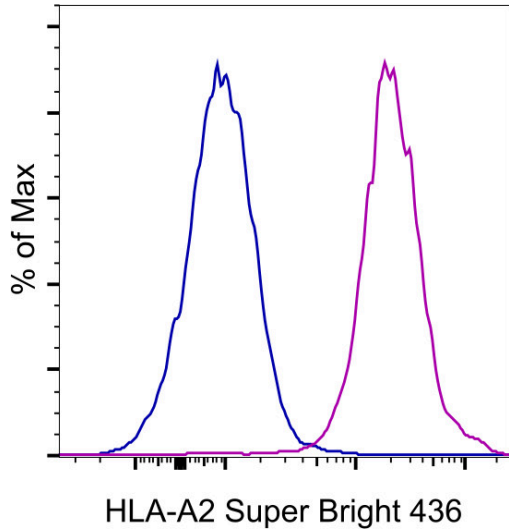
™
Applications Tested: This BB7.2 antibody has been pre-diluted and tested by flow cytometric analysis of normal human peripheral blood cells. This may be used at 5 µL (0.25 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test.™

™
Super Bright 436 can be excited with the violet laser line (405 nm) and emits at 436 nm. We recommend using a 450/50 bandpass filter, or equivalent. Please make sure that your instrument is capable of detecting this fluorochrome.™

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When using two or more Super Bright dye-conjugated antibodies in a staining panel, it is recommended to use Super Bright Complete Staining Buffer (Product # SB-4401) to minimize any non-specific polymer interactions. Please refer to the datasheet for Super Bright Staining Buffer for more information.™

™
Excitation: 405 nm; Emission: 436 nm; Laser: Violet Laser™

™
Super Bright Polymer Dyes are sold under license from Becton, Dickinson and Company.



HLA-A2 Antibody (62-9876-41) in Flow

Normal human peripheral blood cells were stained with Mouse IgG2b kappa Isotype Control, Super Bright 436 (Product # 62-4732-82) (blue histogram) or HLA-A2 Monoclonal Antibody, Super Bright 436 (purple histogram). Cells in the lymphocyte gate were used for analysis.

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