

TECHNICAL DATA SHEET

CyFlow™ HLA-A2 Azide Free Anti-Hu; Clone BB7.2

REF AT081139

For Research Use Only.
Not for use in diagnostic or therapeutic procedures.

Specifications

Antigen	HLA-A2
Alternative Names	—
Clone	BB7.2
Clonality	monoclonal
Format	Azide Free
Host / Isotype	Mouse / IgG2b
Species Reactivity	Human
Negative Species Reactivity	—
Quantity [Concentration]	0.1 mg [1 mg/ml]
Immunogen	HLA-A2 solubilised by papain

Specificity

The mouse monoclonal antibody BB7.2 recognizes an epitope at the C-terminus of α -2 helix and a turn on one of the underlying β strands within the human HLA-A2 histocompatibility antigen.

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Application

Based on published sources, this antibody is suitable for the following applications:

- Flow cytometry
- Immunoprecipitation

Storage Buffer

The reagent is provided in azide-free phosphate buffered saline (PBS) solution, pH ≈7.4; 0.2 µm filter sterilized.

Storage and Stability

Storage	Avoid prolonged exposure to light. Store in the dark at 2-8°C. Do not freeze.
Stability	Do not use after expiration date stamped on vial label.

Background Information

HLA-A2 (44 kDa) is the most frequent HLA-A allele in human ethnic populations. HLA-A, together with HLA-B and HLA-C, represent human HLA class I major histocompatibility (MHC) antigens. These intrinsic membrane glycoproteins are expressed on nucleated cells and noncovalently associate with an invariant β2-microglobulin. They carry foreign determinants important for immune recognition by cytotoxic T cells, thus important for anti-viral and anti-tumor defense.

References

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The Safety Data Sheet for this product is available at www.sysmex-partec.com/services.

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