# TECHNICAL DATA SHEET

# CyFlow™ HLA-DR+DP Biotin
# Anti-Hu; Clone MEM-136

REF **AZ498761**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

## Specifications

| | |
|---|---|
| **Antigen** | HLA-DR+DP |
| **Alternative Names** | — |
| **Clone** | MEM-136 |
| **Clonality** | monoclonal |
| **Format** | Biotin |
| **Host / Isotype** | Mouse / IgG1 |
| **Species Reactivity** | Human |
| **Negative Species Reactivity** | — |
| **Quantity [Concentration]** | 0.1 mg [ 1 mg/ml ] |
| **Immunogen** | PHA-activated peripheral blood lymphocytes |

## Specificity

The mouse monoclonal antibody MEM-136 recognizes common epitope on β-chain of human HLA-DR and HLA-DP. It reacts with α/β dimer as well as with dissociated β-subunit. DR and DP are the isotypes

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of human MHC Class II molecules expressed on antigen-presenting cells (APC; dendritic cells, B lymphocytes, monocytes, macrophages).

## Application

The reagent is designed for indirect immunofluorescence analysis by Flow Cytometry. Suggested working usage is 2.5 µg/ml. Indicated dilution is recommended starting point for use of this product, but working concentrations should be validated by the investigator.
Other usages may be determined from the scientific literature.

## Storage Buffer

The reagent is provided in phosphate buffered saline (PBS) solution, pH ≈7.4, containing 0.1% (w/v) sodium azide.

## 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. |

## References


- Koch C, Staffler G, Huttinger R, Hilgert I, Prager E, Cerny J, Steinlein P, Majdic O, Horejsi V, Stockinger H: T cell activation-associated epitopes of CD147 in regulation of the T cell response, and their definition by antibody affinity and antigen density. Int Immunol. 1999 May; 11(5):777-86. < PMID: 10330283 >


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


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