

## TECHNICAL DATA SHEET

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

**REF** CX328185

**For Research Use Only.**

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

### Specifications

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

### Specificity

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

#### Contact Information:

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

## Application

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

- Flow cytometry
- Immunoprecipitation
- Western blot

## Storage Buffer

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

## Storage and Stability

|                  |   |
|------------------|---|
| <b>Storage</b>   | Avoid prolonged exposure to light. Store in the dark at 2-8°C. Do not freeze. |
| <b>Stability</b> | 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 >

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The Safety Data Sheet for this product is available at [www.sysmex-partec.com/services](http://www.sysmex-partec.com/services).

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