

## Datasheet

### HLA-DR/HLA-DP monoclonal antibody, clone MEM-136 (PE)

**Catalog Number:** MAB4485

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against HLA-DR/HLA-DP.

**Clone Name:** MEM-136

**Immunogen:** Native from PHA-activated peripheral blood leucocytes.

**Host:** Mouse

**Reactivity:** Human

**Applications:** Flow Cyt, IP, WB  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

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

**Form:** Liquid

**Conjugation:** PE

**Isotype:** IgG1

**Recommend Usage:** Flow Cytometry (20 ul in human blood cells 100 ul in whole blood or 10<sup>6</sup> cells in a suspension)  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.2% BSA, 0.09% sodium azide)

**Storage Instruction:** Store in the dark at 4 °C. Do not freeze.

Avoid prolonged exposure to light.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3115|3123|3125|3126|3127

**Gene Symbol:** HLA-DPB1

**Gene Alias:** DPB1, HLA-DP1B

#### References:

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