

Technical Data Sheet

Product **Anti-HLA-DR/DP Alexa Fluor® 700**

Cat. Number/Size **A7-296-T025** **25 tests**
A7-296-T100 **100 tests**

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	HLA-DR/DP
Clone	MEM-136
Format	Alexa Fluor® 700
Reactivity	Human
Application	FC (QC tested), WB
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Excitation laser	red (633 nm)
Isotype	Mouse IgG1
Specificity	The antibody MEM-136 recognizes a common extracellular 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).
Immunogen	PHA-activated peripheral blood lymphocytes.

Preparation	The purified antibody is conjugated with Alexa Fluor® 700 under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

Images and References	www.exbio.cz
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