

## 30-1328: Anti-HLA-DR Monoclonal Antibody (Clone:MEM-12)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	MEM-12
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	HLA-DRA
<b>Gene ID :</b>	3122
<b>Uniprot ID :</b>	P01903
<b>Format :</b>	Purified
<b>Alternative Name :</b>	HLA class II histocompatibility antigen, DR alpha chain, MHC class II antigen DRA
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	thymocyte membrane

### Description

HLA-DR, a member of MHC class II glycoproteins, that bind intracellularly processed peptides and present them to the Th cells, is composed of 36 kDa alpha chain and 27 kDa beta chain, both anchored in the plasma membrane. Together with other MHC II molecules HLA-DR plays a central role in the immune system.

### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

### Application Note

**Flow Cytometry** *Recommended dilution:* 2 µg/ml

*Positive control:* B-lymphocytes, Monocytes, DAUDI cell line, RAJI cell line

**Immunoprecipitation** *Positive control:* B-lymphocytes, Monocytes, DAUDI cell line, RAJI cell line

**Western Blotting** *Positive control:* B-lymphocytes, Monocytes, DAUDI cell line, RAJI cell line

*Sample preparation:* Resuspend approx. 50 mil. cells in 1 ml cold Lysis buffer (1% laurylmaltoside in 20 mM Tris/Cl, 100 mM NaCl pH 8.2, 50 mM NaF including Protease inhibitor Cocktail). Incubate 60 min on ice. Centrifuge to remove cell debris. Mix lysate with non-reducing SDS-PAGE sample buffer. Do not heat/boil.