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

Clonality: Monoclonal **Clone Name:** MEM-12 **FACS** Application: Reactivity: Human Gene: **HLA-DRA** Gene ID: 3122 **Uniprot ID:** P01903 **Purified** Format:

Alternative Name: HLA class II histocompatibility antigen, DR alpha chain, MHC class II antigen DRA

Isotype: Mouse IgG1

Immunogen Information: 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

Amount: 0.1 mg

Purification: Purified by protein-A affinity chromatography

Storage condition : 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.