

Datasheet

HLA-DR monoclonal antibody, clone MEM-12 (FITC)

Catalog Number: MAB4478

Regulatory Status: For research use only (RUO)

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

Clone Name: MEM-12

Immunogen: Native from thymocyte membrane.

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 human HLA-DR which is dependent on the association of alpha and beta chains. DR is the isotype of human MHC Class II molecules expressed on antigen-presenting cells (APC; dendritic cells, B lymphocytes, monocytes, macrophages).

Form: Liquid

Conjugation: FITC

Isotype: IgG1

Recommend Usage: Flow Cytometry (20 ul in human blood cells 100 ul in whole blood or 10^6 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: 3122|3123|3125|3126|3127

Gene Symbol: HLA-DRA

Gene Alias: HLA-DRA1

References:

1. Characterization of seven new monoclonal antibodies against human DR, DR + DP and DQ1 + DQ3 antigens. Horejsi V, Nemeč M, Angelisova P, Kristofova H, Gorga JC, Hilgert I. *Tissue Antigens*. 1986 Nov;28(5):288-97.