



Product Datasheet

Biotin Anti-Human HLA-DR Antibody [L243]

Catalogue Code: AGEL0414

Antibody Data

Product SKU:	AGEL0414	Clone:	L243
Applications:	FCM		
Reactivity:	Human		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names:	HLA class II histocompatibility antigen DR alpha/ DRB1-15 beta chain;MHC class II antigen DRA;HLA-DRA1/DRB1;DRA/DRB1;
Uniprot ID:	P01903 P01911
Background:	HLA-DR is a heterodimeric cell surface glycoprotein comprised of a 36 kD α (heavy) chain and a 27 kD β (light) chain. It is expressed on B cells, activated T cells, monocytes/macrophages, dendritic cells, and other non-professional APCs. In conjunction with the CD3/TCR complex and CD4 molecules, HLA-DR is critical for efficient peptide presentation to CD4+ T cells.
Form:	Liquid
Conjugation:	Biotin
Size:	25 μ g, 100 μ g
Host Species:	Mouse
Isotype:	Mouse IgG2a, κ
Isotype Control:	Biotin Mouse IgG2a, κ Isotype Control[C1.18.4] [Product AGEL0414]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping:	Biological ice pack at 4°C

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
