

Biotin Anti-Human/Monkey HLA-DR Antibody[L243]

Catalog Number: E-AB-F1111B

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human;Rhesus
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone No.	L243
Isotype Control	Biotin Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09803B]
Conjugation	Biotin
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications

Recommended usage

FCM	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.
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Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	DRA/DRB1;HLA class II histocompatibility antigen DR alpha/ DRB1-15 beta chain;HLA-DRA1/DRB1;MHC class II antigen DRA
Uniprot ID	P01903;P01911
Gene ID	3122;3123
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.

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