



Product Datasheet

Purified Anti-Human HLA-DR Antibody [L243]

Catalogue Code: AGEL0413

Antibody Data

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| Product SKU: | AGEL0413 | Clone: | L243 |
| Applications: | FCM | | |
| Reactivity: | Human | | |

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

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| 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: | Unconjugated |
| Size: | 25µg, 100µg |
| Host Species: | Mouse |
| Isotype: | Mouse IgG2a, κ |
| Isotype Control: | Purified Mouse IgG2a, κ Isotype Control[C1.18.4] [Product AGEL0413] |
| Storage Buffer: | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. |
| 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 $\leq 2.0 \mu\text{g}$ 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.
