

## AF/LE Purified Anti-Human HLA-DR Antibody[L243]

|                    |  |                     |                                    |
|--------------------|--|---------------------|------------------------------------|
| <b>Catalog No.</b> | E-AB-F11110                                | <b>Reactivity</b>   | Human                              |
| <b>Storage</b>     | Store at 2~8°C, Avoid freeze / thaw cycles | <b>Applications</b> | Cell Sep-<br>Neg,Block,Binding,FCM |

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

### Antigen Information

|                        |  |
|------------------------|--|
| <b>Alternate Names</b> | HLA class II histocompatibility antigen DR alpha/ DRB1-15 beta chain,MHC class II antigen<br>DRA,HLA-DRA1/DRB1,DRA/DRB1  |
| <b>Uniprot ID</b>      | P01903,P01911  |
| <b>Background</b>      | HLA-DR is a heterodimeric cell surface glycoprotein comprised of a 36 kD $\alpha$ (heavy) chain and a 27 kD $\beta$ (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. |

### Product Details

|                                |  |
|--------------------------------|--|
| <b>Form</b>                    | Liquid   |
| <b>Concentration</b>           | 0.5 mg/mL  |
| <b>Size</b>                    | 50 $\mu$ g/500 $\mu$ g/1mg   |
| <b>Clone No.</b>               | L243   |
| <b>Host</b>                    | Mouse  |
| <b>Isotype</b>                 | Mouse IgG2a, $\kappa$  |
| <b>Reactivity</b>              | Human  |
| <b>Application</b>             | Cell Sep-Neg,Block,Binding,FCM   |
| <b>Isotype Control</b>         | <a href="#">AF/LE Purified Mouse IgG2a, <math>\kappa</math> Isotype Control[C1.18.4]</a> <a href="#">[Product E-AB-F098030]</a>  |
| <b>Storage Buffer</b>          | 0.2 $\mu$ m filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay. |
| <b>Shipping</b>                | Biological ice pack at 4 °C  |
| <b>Stability &amp; Storage</b> | Keep as concentrated solution.<br>Store at 2~8°C and protected from prolonged exposure to light.Do not freeze.<br>This product is guaranteed up to one year from purchase.             |

### For Research Use Only

## Fluorophore

**Conjugation:** None (Purified antibody-Azide Free/Low endotoxin)

## 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  $100 \mu\text{L}$  volume or  $100 \mu\text{L}$  of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

## Related Information

1. Sample Preparation for Flow Cytometry <https://www.elabscience.com/List-detail-5594.html>
2. Staining Cell Surface Targets for Flow Cytometry <https://www.elabscience.com/List-detail-5568.html>
3. Flow Cytometry Troubleshooting Tips <https://www.elabscience.com/List-detail-5593.html>
4. How to select the appropriate detection channel through the spectrogram? <https://www.elabscience.com/List-detail-459742.html>