

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® Violet 500 Anti-Human HLA-DR Antibody[L243]

Catalog Number: E-AB-F1111R

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

#### **Description**

Reactivity Human Host Mouse

**Isotype** Mouse IgG2a, κ

Clone No. L243

Isotype Control Elab Fluor® Violet 500 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-

F09802R1

Conjugation Elab Fluor® Violet 500

**Conjugation Information** Elab Fluor® Violet 500 is designed to be excited by the violet laser (405 nm) and detected

using an optical filter centered near 501 nm (e.g., a 525/45 nm bandpass filter).

**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

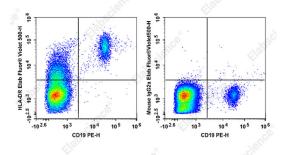
### Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

#### Data



Staining of normal human peripheral blood cells with PE

Anti-Human CD19 Antibody[CB19] and Elab Fluor<sup>®</sup> Violet 500 Anti-Human HLA-DR Antibody[L243] (left) or Elab Fluor

<sup>®</sup> Violet 500 Mouse IgG2a, κ Isotype Control (right). Cells in the lymphocytes gate were used for analysis.

# **Preparation & Storage**

**Storage** Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and 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;

# For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

## **Elabscience Bionovation Inc.**



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Gene ID Background 3122;3123

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.