

**Manufacturer/Supplier:**

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**Product name:** Anti-Human HLA-DR Monoclonal Antibody(PerCP  
Conjugated)

**Catalog:** DL21353F

**Synonyms:** HLA class II histocompatibility antigen DR alpha/  
DRB1-15 beta chain, MHC class II antigen  
DRA, HLA-DRA1/DRB1, DRA/DRB1

**Background:** 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<sup>+</sup> T cells.

**Form:** Liquid

**Isotype:** Mouse IgG2a,  $\kappa$

**Size:**

20Tests/100Tests/100Tests $\times$ 2

**Host:** Mouse

**Reactivity:** Human

**Application:** FCM

**Concentration:** 5  $\mu$ L

**Conjugation:** PerCP

**SwissProt:** P01903

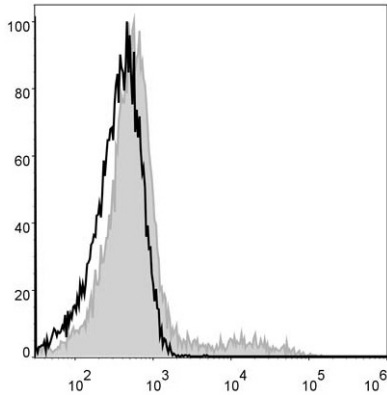
**Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### Recommended Use:

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:

Human peripheral blood cells are stained with Anti-Human HLA-DR Monoclonal Antibody(PerCP Conjugated)(filled gray histogram). Unstained peripheral blood cells (blank black histogram) are used as control.



### Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.