

## PE Anti-Human HLA-DR Monoclonal Antibody



天津三箭生物技术股份有限公司  
Tianjin Sungene Biotech Co., Ltd.  
精准 高效 稳定 Precision Efficient Stable

Catalog Number	Vial Size
H200H7-09G	25 tests
H200H7-09H	100 tests

**Market** | 400-621-0003  
marketing@sungenebiotech.com

**Support** | 022-66211636-8024  
techsupport@sungenebiotech.com

**Web** | www.sungenebiotech.com

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.  
This product is guaranteed up to one year from purchase.

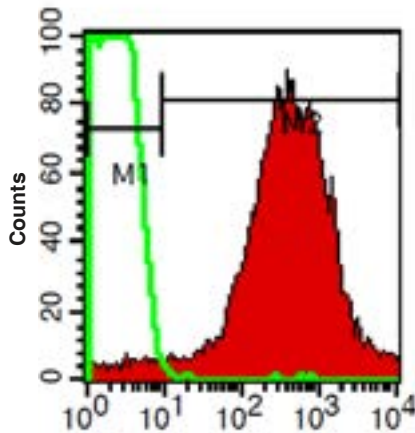
### Purified Antibody Characterization

Clone	Isotype	Reactivity
HI159	Mouse IgG2a	Human

### Description

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.

### Illustration of Immunofluorescent Staining



**Log Fluorescence Intensity**  
Human peripheral blood lymphocytes stained  
with PE anti-human HLA-DR

### Product Information

**Conjugation:** PE

**Formulation:** PBS pH 7.2, 0.09% NaN<sub>3</sub>,  
0.2% BSA

**Storage:** Keep as concentrated solution. Store at 4°C and protected from prolonged exposure to light. **Do not freeze.**

**Application:** Recommended Application: FC

**Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis (The amount of the reagent is suggested to be used from 20  $\mu$ L to 5  $\mu$ L per 100  $\mu$ L of peripheral blood. Please check your vial). Since applications vary, the appropriate dilutions must be determined for individual use.

### References

- [1] Levacher M, et al. 1990. Clin. Exp. Immunol. 81:177.
- [2] Terstappen L, et al. 1990. J. Leukocyte Biol. 48:138.
- [3] Edwards JA, et al. 1986. J. Immunol. 137:490.
- [4] van Es A, et al. 1984. Transplantation 37:65.
- [5] O'Doherty U, et al. 1994. Immunology 82:487.
- [6] Thomas R, et al. 1994. J. Immunol. 153:4016.
- [7] Grouard G, et al. 1996. Nature 384:364.

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