

**Manufacturer/Supplier:**

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**Product name:** Anti-Mouse H-2 Monoclonal Antibody(PE/Cyanine5  
Conjugated)

**Catalog:** DL22272F

**Synonyms:** Mouse major histocompatibility complex (MHC)  
H-2, MHC I

**Background:** The M1/42 antibody reacts with the H-2 MHC class I  
alloantigens expressed on nucleated cells from mice  
of the a, b, d, j, k, s, and u haplotypes (Stallcup, KC  
et al, 1981). MHC class I is involved in antigen  
presentation to T cells expressing CD3/TCR and  
CD8 proteins.

**Form:** Liquid

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

**Size:**

**Host:** Rat

50Tests/100Tests/100Tests×2

**Reactivity:** Mouse

**Application:** FCM

**Concentration:** 5 µL

**Conjugation:** PE/Cyanine5

**SwissProt:**

**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 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

### **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.