

**Manufacturer/Supplier:**

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**Product name:** AF/LE Purified Anti-Mouse MHC II (I-A/I-E)  
Monoclonal Antibody

**Catalog:** DL20047F

**Synonyms:** H2-Ab1/Eb1, Major histocompatibility protein class  
II beta chain, MHC class II H2-IA-beta-psi, I-E beta  
MHC class II, MHC class II

**Background:** These class II molecules are expressed on antigen  
presenting cells (including B cells) and a subset of T  
cells from H-2b,d,q,r bearing mice and are involved  
in antigen presentation to T cells expressing  
CD3/TCR and CD4 proteins.

**Form:** Liquid

**Isotype:** Rat IgG2b,  $\kappa$

**Size:** 50 $\mu$ g/500 $\mu$ g/1mg

**Host:** Rat

**Reactivity:** Mouse

**Application:** Block, FA, FCM,  
WB, IP, IF

**Concentration:** 0.5 mg/mL

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

**SwissProt:** P14483,O78196

**Buffer:** 0.2  $\mu$ m filtered in PBS, pH 7.2. Azide Free (AF)/Low  
Endotoxin (LE): Contains no stabilizers or

### **Recommended Use:**

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is  $\leq 0.25 \mu\text{g}$  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.

### **Storage:**

Keep as concentrated solution.

Store at 2~8°C. Do not freeze.

This product is guaranteed up to one year from purchase.