

**Manufacturer/Supplier:**

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**Product name:** Anti-Mouse MHC II (I-A/I-E) Monoclonal  
Antibody(AF488 Conjugated)

**Catalog:** DL20068F

**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:** 25 $\mu$ g/100 $\mu$ g

**Host:** Rat

**Reactivity:** Mouse

**Application:** FCM

**Concentration:** 0.5 mg/mL

**Conjugation:** AF488

**SwissProt:** P14483,O78196

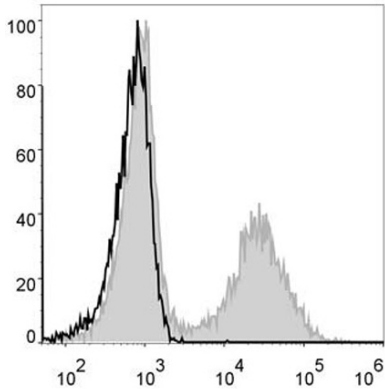
**Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### **Recommended Use:**

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1  $\mu\text{g}/10^6$  cells in 100  $\mu\text{L}$  volume].

### **Data:**

Mouse splenocytes are stained with Anti-Mouse I-A/I-E Monoclonal Antibody(AF488 Conjugated)[Used at 0.2  $\mu\text{g}/10^6$  cells dilution](filled gray histogram). Unstained splenocytes (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.