

**Manufacturer/Supplier:**

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**Product name:** Anti-Mouse IL-10 Monoclonal Antibody(PE  
Conjugated)

**Catalog:** DL22155F

**Synonyms:** Interleukin-10, IL-10, Cytokine synthesis inhibitory  
factor, CSIF

**Background:** L-10 was originally described as Cytokine Synthesis  
Inhibitory Factor (CSIF) by virtue of its ability to  
inhibit cytokine production by Th1 clones. IL-10  
shares over 80% sequence homology with the  
Epstein-Barr virus protein BCRF1. IL-10 inhibits  
IFN- $\gamma$ , TNF- $\beta$ , and IL-2 production by Th1 clones;  
inhibits macrophage-mediated IL-1, IL-6, and TNF- $\alpha$   
synthesis; suppresses the delayed type  
hypersensitivity response; stimulates Th2 cell  
response (which results in elevated antibody

production); and promotes mast cell proliferation in combination with IL-4.

**Form:** Liquid

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

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

**Host:** Rat

**Reactivity:** Mouse

**Application:** ICFCM

**Concentration:** 0.2 mg/mL

**Conjugation:** PE

**SwissProt:** P18893

**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  $\mu$ g/ $10^6$  cells in 100  $\mu$ L volume].

**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.