



# *Anti-Mouse IL-27 p28 Subunit Biotin Conjugate Monoclonal Antibody Clone 3H12*

*Catalog: MAB-200-P28BIO*

## **Specifications and Use**

**Target:** Mouse Interleukin-27 p28 Subunit

**Host and Isotype:** Rat, IgG2a/k

**Immunogen:** Full length recombinant Mouse IL-27 p28 Subunit

**Buffer:** 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with no stabilizers or preservatives

**Storage:** Store at 2-8°C for use within 1-3 weeks or -20°C for long term storage, avoid repeat freeze thaws.

**Label:** Biotin

**Physical State:** 0.5 mg/mL solution

**Endotoxin Level:** <0.1EUs/μg

**Alternate Target Names:** P28, IL-27, IL-30

### **Description:**

The p28 subunit of IL-27 (IL-27/p28), also known as Interleukin-30 (IL-30), is a member of the IL-12 family of cytokines. When combined with EB13 (Epstein-Barr virus induced gene 3), p28 forms a heterodimer known as IL-27. p28 is thought to be a pro-inflammatory cytokine inducing immuno-modulatory effects, but the details of these effects are currently unclear and research is focused on delineating its specific biological functions.

### **Reported Applications:**

Flow Cytometry

Western Blot

ELISA

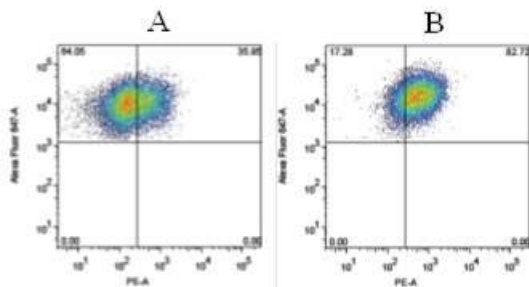
### **Recommended Dilution\*:**

0.1 μg/mL starting

1:1000 starting

No Data

**\*INVESTIGATORS ARE ADVISED TO TITRATE ANTIBODIES TO REACH OPTIMAL ASSAY CONDITIONS FOR THEIR SPECIFIC NEEDS.**



**IL-27 p28 Subunit-PE**

Mouse macrophages were cultured with (B) IFN $\gamma$  and LPS for 24 hours or remained unstimulated (A). Cells were treated with a protein transport inhibitor for 4 hours and stained with anti-CD107b at the surface and an intracellular stain with anti-p28 clone 3H12.

**THIS PRODUCT IS FOR RESEARCH USES ONLY! THIS PRODUCT IS NOT FOR USE IN HUMANS!!!**

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