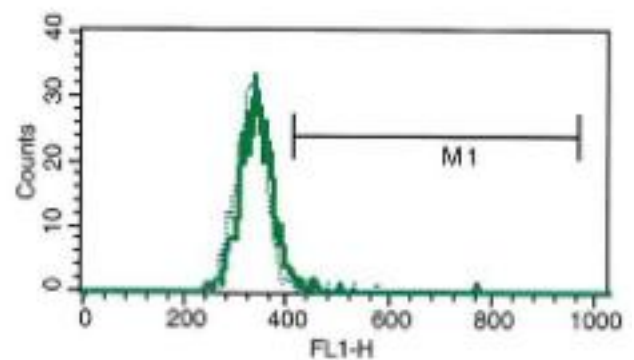
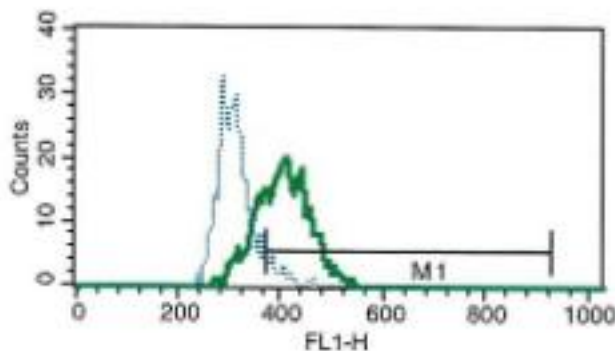


IL27

Mouse Anti-Human IL-27 (Clone B-G49) mAb, Azide Free

| | | | |
|---------------------------------|---|------------------|------------------|
| Catalog No. | CDM283A CDM283B | Quantity: | 200 µg 500 µg |
| Alternate Names: | Interleukin-27 subunit alpha (p28) and Interleukin-27 subunit alpha (EBV-induced gene 3 protein) | | |
| Description: | Interleukin 27 is heterodimeric cytokine belonging to the IL-12 family that is composed of two subunits, Epstein-Barr virus-induced gene 3 (EBI3), a 33-kDa glycosylated protein, and IL-27p28, a 28-kDa peptide. IL-27 is an early product of activated antigen-presenting cells and drives rapid clonal expansion of naïve but not memory CD4+ T cells. The effects of IL-27 are eliciting by its interaction with a specific cell surface receptor complex composed of two proteins known as WSX-1 (TCCR) and gp130. IL-27 has both pro- and anti-inflammatory properties. | | |
| UniProt ID: | Q8NEV9, Q14213 | | |
| Gene ID: | 246778, 10148 | | |
| Concentration: | 1.0 mg/ml | | |
| Specificity: | Recognizes both native and recombinant human IL-27. | | |
| Hybridoma: | Myeloma X63/AG.8653 x Balb/c node cells | | |
| Isotype: | IgG2a Kappa light chain | | |
| Immunogen: | Recombinant human IL-27 | | |
| Clone: | B-G49 | | |
| Formulation: | Sterile-filtered PBS carrier and preservative free. | | |
| Purification: | Ion exchange chromatography | | |
| Applications: | ELISA, Flow Cytometry - Suitable for FC on dendritic cells. | | |
| Storage & Stability: | Store at 2-8°C for up to 1 year or in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles. | | |

The graph on the left represents activated dendritic cells labeled with B-G49 and the graph on the right shows B-G49 with non-activated dendritic cell, compared to the IgG2a isotype control (B-Z2).



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