

IL27

Mouse Anti-Human IL-27 Clone B-G44 Azide Free Capture mAb

Catalog No.	CDM410	Quantity:	1 mg
Alternate Names:	p28; IL30; IL-27; IL27A; IL-27A; IL27p28		
Description:	<p>Mouse Anti-Human IL-27 Clone B-G44 Azide Free Capture mAb</p> <p>Background: Interleukin 27 is one of the subunits of a heterodimeric cytokine complex. This protein is related to interleukin 12A (IL12A). It interacts with Epstein-Barr virus induced gene 3 (EBI3), a protein similar to interleukin 12B (IL12B), and forms a complex that has been shown to drive rapid expansion of naive but not memory CD4(+) T cells. The complex is also found to synergize strongly with interleukin 12 to trigger interferon gamma (IFNG) production of naive CD4(+) T cells. The biological effects of this cytokine are mediated by the class I cytokine receptor (WSX1/TCRR).</p>		
Concentration:	1.0 mg / 1.0 ml		
Gene ID:	246778		
Conjugate:	Unconjugated		
Specificity:	Recognizes both natural and recombinant human IL-27		
Host:	Mouse		
Immunogen:	Recombinant IL-27		
Isotype:	IgG1		
Clone:	B-G44		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c node cells		
Formulation:	Phosphate-buffered saline. Sterile-filtered through 0.22 µm. Carrier and preservative free		
Purification:	Ion exchange chromatography		
Applications:	ELISA Capture Antibody. This antibody can be used as a Capture Antibody in a human IL-27 sandwich immunoassay to detect human IL-27 in combination with biotinylated human IL-27 Detection Antibody (Cat No CDM434). The suggested coating concentration range below should be optimized by each laboratory for each application.		
Application Notes:	ELISA: 0.5-2.5µg/ml		
Storage & Stability:	Store at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

