

IL27A, EBI3

Mouse Anti-Human IL-27 (Clone B-G44) mAb, Azide Free

Catalog No.	CDM122A CDM122B CDM122C	Quantity:	200 µg 500 µg 1.0 mg
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:	Mouse IgG1κ		
Immunogen:	Recombinant human IL-27		
Clone:	B-G44		
Formulation:	Sterile-filtered PBS, carrier and preservative free.		
Purification:	Ion exchange chromatography		
Applications:	ELISA: Use as a Capture Antibody at 0.5-2.5µg/ml in a human IL-27 sandwich ELISA in combination with biotinylated human IL-27 Detection Antibody (Cat No. CDM434). The optimal concentration should be determined by the user for each specific application.		
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.		

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

