

IL37

Mouse Anti-Human IL-37 (Clone B-P47) mAb, Azide Free

Catalog No.	CDM534A CDM534B	Quantity:	200 µg 500 µg
Alternate Names:	Interleukin-37, FIL1 zeta, IL-1X, Interleukin-1 family member 7, IL-1F7, Interleukin-1 homolog 4, IL-1H4, Interleukin-1 zeta, IL-1 zeta, Interleukin-1-related protein, IL-1RP1, Interleukin-23, IL-23		
Description:	IL-37 is a cytokine that belongs to the IL-1 family and is unique in its function as a natural suppressor of innate inflammatory and immune responses. IL-37 is produced as a precursor without a classic signal peptide and both precursor and cleaved forms of are secreted. IL-37 binds IL-18R α chain (also used by IL-18 as a receptor subunit) and recruit Toll/IL-1R (TIR)-8 for transducing intracellular signaling. It negatively regulates signaling mediated by TLR agonists, proinflammatory cytokines, and IL-1RF ligands. It also affects cell metabolism by inhibiting mTOR, GSK-3 α/β , and activating AMPK. Despite having the ability to dampen host's immune responses, IL-37 has been shown to exert anti-tumor effects.		
UniProt ID:	Q9NZH6		
Gene ID:	27178		
Concentration:	1.0 mg/ml		
Specificity:	Recognizes both native and recombinant human IL-37		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c node cells		
Immunogen:	Recombinant human IL-37		
Isotype:	Mouse IgG ₁ , κ		
Clone:	B-P47		
Formulation:	Sterile-filtered PBS, carrier and preservative free		
Purification:	1.0 mg/ml		
Application Notes:	ELISA		
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.



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