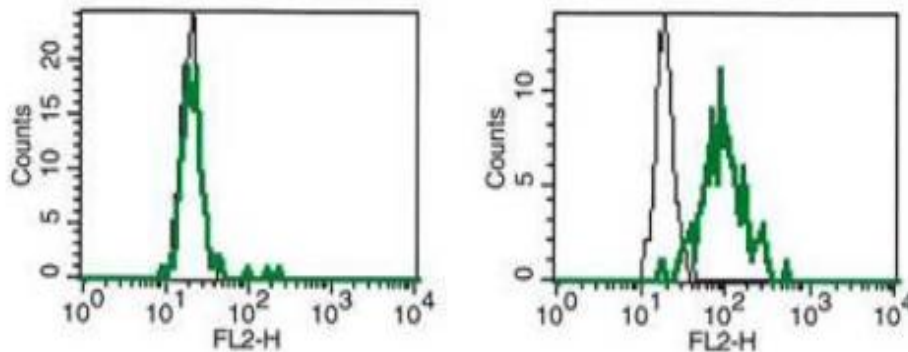


IL27

Mouse Anti-Human IL-27 (Clone B-G49) PE mAb

Catalog No.	CDM285	Quantity:	100 tests
Alternate Names:	Interleukin 27; p28; IL30; IL27A; IL-27A; IL27p28		
Description:	The monoclonal antibody recognizes human IL-27, one of the subunits of a heterodimeric cytokine complex. which interacts with Epstein-Barr virus induced gene 3 (EBI3), 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 IL-12 to trigger IFN- γ production of naive CD4(+) T cells.		
Gene ID:	246778		
Conjugate	PE		
Specificity:	Recognizes both natural and recombinant human IL-27.		
Host:	Mouse		
Isotype:	IgG2a		
Immunogen:	Recombinant human IL-27		
Clone:	B-G49		
Formulation:	Lyophilized from PBS with 5% BSA and 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Ion exchange chromatography		
Reconstitution:	Reconstitute with 1 ml deionized water.		
Applications:	Flow Cytometry		
Application Notes:	Use 10 μ l to label 10^6 cells or 100 μ l of whole blood. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Stable at 2-8°C for six months after reconstitution. DO NOT FREEZE.		

IL-27 PE staining of cultured dendritic cells:(left) unactivated and (right) activated with 1 μ g/ml LPS, 10ng/ml IFN-g and 100ng/ml TNF-a, 3×10^5 dendritic cells were labelled with 10 μ L of anti-IL-27 PE (green) or a PE conjugated IgG2a isotype control (black).



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