

## IL27

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

<b>Catalog No.</b>	CDM286	<b>Quantity:</b>	200 tests
<b>Alternate Names:</b>	Interleukin 27; p28; IL30; IL27A; IL-27A; IL27p28		
<b>Description:</b>	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- $\gamma$ production of naive CD4(+) T cells.		
<b>Concentration:</b>	200 tests/ 2ml		
<b>Gene ID:</b>	246778		
<b>Conjugate:</b>	Unconjugated		
<b>Specificity:</b>	Recognizes both natural and recombinant human IL-27.		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG2a		
<b>Immunogen:</b>	Recombinant human IL-27		
<b>Clone:</b>	B-G49		
<b>Formulation:</b>	Liquid in PBS with 1 % BSA and 0.09 % sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	Ion exchange chromatography		
<b>Applications:</b>	Flow Cytometry		
<b>Application Notes:</b>	Use 10 $\mu$ l to label $10^6$ cells or 100 $\mu$ l of whole blood. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Stable at 2-8°C for 1 year. For longer storage, freeze in aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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



**Cell Sciences**<sup>®</sup>  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)