

## IL13

### Mouse Anti-Human IL-13 (Clone B-B13) mAb, Azide Free

<b>Catalog No.</b>	CDM275A CDM275B CDM275C	<b>Quantity:</b>	200 µg 500 µg 1.0 mg
<b>Alternate Names:</b>	Interleukin-13		
<b>Description:</b>	IL-13 is involved in several stages of B-cell maturation and differentiation. It up-regulates CD23 and MHC class II expression, and promotes IgE isotype switching of B cells. It down-regulates macrophage activity, thereby inhibiting the production of pro-inflammatory cytokines and chemokines. It is also critical to the pathogenesis of allergen-induced asthma but operates through mechanisms independent of IgE and eosinophils.		
<b>UniProt ID:</b>	P35225		
<b>Gene ID:</b>	3596		
<b>Concentration:</b>	1.0 mg/ml		
<b>Specificity:</b>	Recognizes both native and recombinant human IL-13.		
<b>Hybridoma:</b>	Myeloma X63/AG.8653 x Balb/c spleen cells		
<b>Isotype:</b>	Mouse IgG1 Kappa light chain		
<b>Immunogen:</b>	Recombinant human IL-13		
<b>Clone:</b>	B-B13		
<b>Formulation:</b>	Sterile filtered PBS, treated to remove endotoxins. Carrier and preservative free.		
<b>Purification:</b>	Ion exchange chromatography		
<b>Biological Activity:</b>	Inhibits IL-13 induced proliferation on TF1 cell line.		
<b>Applications:</b>	Functional Studies, Flow cytometry, ELISA, ELISPOT		
<b>Application Notes:</b>	<p><b>ELISA:</b> Use as a Capture Antibody at 0.5-2.5 µg/ml in combination with biotinylated human IL-13 Detection Antibody (Cat No CDM431).</p> <p><b>ELISPOT: 5-10 µg/ml</b></p> <p>The optimal concentration should be determined by the user for each specific application.</p>		
<b>Storage &amp; Stability:</b>	<p>Store at 2-8°C for 12 months. For longer storage freeze aliquots at -20°C to -80°C.</p> <p><b>Avoid repeated freeze/thaw cycles.</b></p>		

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