

IL13

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

Catalog No.	CDM275	Quantity:	500 µg
Alternate Names:	Interleukin-13; P600		
Description:	<p>Mouse Anti-Human IL-13 Clone B-B13 Azide Free mAb</p> <p>Background: Interleukin 13 (IL-13) is an immunoregulatory cytokine produced primarily by activated Th2 cells. This cytokine 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. This cytokine down-regulates macrophage activity, thereby inhibits the production of pro-inflammatory cytokines and chemokines. This cytokine is found to be critical to the pathogenesis of allergen-induced asthma but operates through mechanisms independent of IgE and eosinophils. This gene, IL3, IL5, IL4, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL4.</p>		
Concentration:	1.0 mg/ml		
Gene ID:	3596		
Conjugate:	Unconjugated		
Specificity:	Recognizes both native and recombinant human IL-13.		
Host:	Mouse		
Isotype:	IgG1		
Immunogen:	Recombinant human IL-13		
Clone:	B-B13		
Formulation:	Liquid in PBS. Sterile filtered and treated to remove endotoxins. Carrier and preservative free.		
Purification:	Ion exchange chromatography		
Applications:	FC, ELISA, ELISPOT		
Application Notes:	<p>Blocks IL-13 induced proliferation on TF1 cell line.</p> <p>Intracellular Flow Cytometry</p> <p>Capture Antibody in a human IL-13 sandwich immunoassay to detect human IL-13 in combination with biotinylated human IL-13 Detection Antibody (Cat No CDM431).</p> <p>Suggested concentration range:</p> <p>Detection Antibody ELISA: 0.5-2.5 µg/ml ELISPOT: 5-10 µg/ml</p> <p>The optimal concentration should be determined by the user for each specific application.</p>		
Storage & Stability:	Store at 2-8°C for 12 months. For longer storage freeze aliquots at -20 to -80°C. Avoid repeated freeze/thaw cycles.		

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