

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

Catalog No.	CDM407	Quantity:	1.0 mg
Alternate Names:	P600; IL-13		
Description:	<p>Mouse Anti-Human IL-13 Clone B-B13 Azide Free Capture 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 / 1.0 ml		
Gene ID:	3596		
Conjugate:	Unconjugated		
Specificity:	Recognizes both natural and recombinant IL-13		
Host:	Mouse		
Immunogen:	Recombinant human IL-13		
Isotype:	IgG1		
Clone:	B-B13		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Formulation:	Liquid in PBS. Sterile-filtered through 0.22 µm. Carrier and Preservative free. Treated to remove endotoxins.		
Purification:	Ion exchange chromatography		
Applications:	ELISA Capture Antibody. This antibody can be used as a 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). The suggested coating concentration range below should be optimized by each laboratory for each application.		
Application Notes:	ELISA: 0.5-2.5 µg/ml ELISPOT: 5-10 µg/ml		
Storage & Stability:	Store at 2-4°C for 12 months. For longer storage, freeze aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

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

