

IL13

Mouse Anti-Human IL-13 Clone B-P6 Biotin Detection mAb

Catalog No.	CDM431	Quantity:	100 µg
Alternate Names:	P600; IL-13		
Description:	Mouse Anti-Human IL-13 Clone B-P6 Biotin Detection mAb Background: Interleukin 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.		
Concentration:	0.1 mg / 1.0 ml		
Gene ID:	3596		
Conjugate:	Biotin		
Specificity:	Recognizes both natural and recombinant IL-13		
Host:	Mouse		
Immunogen:	Recombinant human IL-13		
Isotype:	IgG1		
Clone:	B-P6		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Formulation:	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.		
Purification:	Ion exchange chromatography		
Applications:	ELISA Detection Antibody. This antibody can be used as a Detection Antibody in a human IL-13 sandwich immunoassay to detect human IL-13 in combination with human IL-13 Capture Antibody (Cat No CDM407). The suggested coating concentration range below should be optimized by each laboratory for each application.		
Application Notes:	ELISA / ELISPOT: 0.05-0.5 µg/ml		
Storage & Stability:	Store at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

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