

IL13RA1

Mouse Anti-Human IL-13R alpha 1 (Clone B-K19) Biotin mAb

Catalog No.	CDM023	Quantity:	100 tests
Alternate Names:	Interleukin 13 Receptor a1, IL-13Ra1, CD213a1		
Description:	The monoclonal antibody recognizes human Interleukin 13 receptor alpha 1 (IL-13Ra1), a subunit of the IL-13 receptor. This subunit forms a receptor complex with IL-4 receptor alpha, a subunit shared by IL-13 and IL-4 receptors. This subunit serves as a primary IL +13-binding subunit of the IL-13 receptor, and may also be a component of IL-4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4.		
Gene ID:	3597		
Conjugate:	Biotin		
Specificity:	Recognizes the human IL-13R alpha 1		
Host:	Mouse		
Isotype:	IgG1		
Immunogen:	IL-13Ra1 transfected CHO cell line		
Clone:	B-K19		
Formulation:	Lyophilized in PBS with 1% BSA and 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Ion exchange chromatography		
Reconstitution:	Centrifuge vial prior to opening. Add 1 ml sterile distilled water to the vial to fully solubilize the antibody.		
Applications:	Immunohistochemistry, Functional Studies. Not suitable for flow cytometry.		
Application Notes:	IHC on methanol fixed cells and paraffin embedded sections. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Reconstituted antibody is stable for 6 months at 2-8°C. For longer storage, freeze in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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

