

IL13RA1

Mouse Anti-Human Interleukin 13 Receptor alpha 1 (Clone B-K19) mAb

Catalog No.	CDM022	Quantity:	200 µg
Alternate Names:	NR4; CT19; CD213A1; IL-13Ra		
Description:	The monoclonal antibody recognizes human IL13R α 1, a subunit of the interleukin 13 receptor. This subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This subunit serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 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.		
Concentration:	1.0 mg/mL		
Gene ID:	3597		
Conjugate:	Unconjugated		
Specificity:	Human IL13R α 1		
Host:	Mouse		
Isotype:	IgG1		
Immunogen:	IL13R α 1 transfected CHO cell line		
Clone:	B-K19		
Formulation:	Liquid in PBS. Sterile-filtered. Carrier and preservative free.		
Purification:	Ion exchange chromatography		
Applications:	Immunohistochemistry on methanol fixed cells and paraffin embedded sections. Not suitable for flow cytometry		
Biological Activity:	Inhibition of IL-13 activation on monocytes (decreasing of IL-6 production)		
Storage & Stability:	Stable for 1 year at 2-8°C. Freeze in working aliquots at -20°C to -80°C for longer storage. Avoid repeated freeze-thaw cycles.		

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