

Monoclonal Antibody to Interleukin-13 / IL13 - FITC

Alternate names:	IL-13, NC30
Catalog No.:	AM05673FC-N
Quantity:	100 Tests
Background:	<p>IL-13 is a 12.5kDa immunoregulatory cytokine produced primarily by activated T helper type 2 (Th2) cells, and also by mast cells and NK cells.</p> <p>IL-13 induces the stimulation of B cell proliferation and antibody production, and studies suggest that IL-13 plays an important role in the induction of the pathophysiological features of allergic asthma, independently of Immunoglobulin E (IgE) and eosinophils.</p>
Uniprot ID:	P35225
NCBI:	NP_002179.2
GeneID:	3596
Host / Isotype:	Mouse / IgG1
Clone:	B-P6
Immunogen:	Recombinant human IL-13
Format:	State: Liquid purified IgG Purification: Ion exchange chromatography Buffer System: Tris-NaCl pH7.4 containing 0.02% Sodium Azide (NaN ₃) and 1% Bovine Serum Albumin Label: FITC
Applications:	Flow Cytometry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody specifically recognises interleukin-13 (IL-13). Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
Caution:	(A full Health and Safety assessment is available upon request) This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
General Readings:	1. Wills-Karp M, Luyimbazi J, Xu X, Schofield B, Neben TY, Karp CL, et al. Interleukin-13: central mediator of allergic asthma. Science. 1998 Dec 18;282(5397):2258-61. PubMed PMID: 9856949.