



Anti-IL13 monoclonal antibody, clone B-P6 [FITC] (CABT-48547MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Human CD13 antibody, clone B-P6 recognizes human interleukin-13 (IL-13), a 12.5kDa immunoregulatory cytokine produced primarily by activated T helper type 2 (Th2) cells, and also by mast cells and NK cells. IL-13 induces the stimulation of B cell proliferation, antibody production and plays an important role in the induction of the pathophysiological features of allergic asthma, independently of Immunoglobulin E (IgE) and eosinophils. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul.
Specificity	IL13
Immunogen	Recombinant human IL-13.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	B-P6
Conjugate	FITC
Applications	FC
Format	Purified IgG - liquid
Size	100 tests
Preservative	0.02% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. This product is photosensitive and should be protected from light. Avoid repeated freezing and

thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	IL13 interleukin 13 [Homo sapiens (human)]
Official Symbol	IL13
Synonyms	IL13; interleukin 13; P600; IL-13; interleukin-13;
Entrez Gene ID	3596
Protein Refseq	NP_002179
UniProt ID	P35225
Chromosome Location	5q31
Pathway	Asthma; Cytokine-cytokine receptor interaction; Cytokines and Inflammatory Response; Fc epsilon RI signaling pathway; Glucocorticoid receptor regulatory network; IL12 signaling mediated by STAT4; Inflammatory bowel disease (IBD); Jak-STAT signaling pathway;
Function	cytokine activity; interleukin-13 receptor binding; protein binding;