

Rat Anti-IL13 Monoclonal Antibody

Cat. No. DMABT-H19232 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Rat Anti-IL13 Monoclonal Antibody
Species	Human
Source	Rat
Antigen Description	IL-13 is an immunoregulatory cytokine produced primarily by activated Th2 lymphocytes. JM-24 shares 30% amino acid sequence homology with JM-5 and demonstrates similar biological activities. The biological activities of JM-24 include: suppression of macrophage cytotoxic activity, upregulation of IL-1RA expression, and suppression of proinflammatory cytokine secretion. The KFT20-6B3 antibody reacts with human interleukin-13 (IL-13). The KFT20-6B3 antibody can neutralize the bioactivity of natural or recombinant IL-13.
Target	IL13
Immunogen	COS-expressed, recombinant human IL-13
Isotype	IgG1, kappa
species	Human
Clone	KFT20-6B3
Conjugation	APC

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Applications	N/A
Preparation	The antibody was purified by affinity chromatography, and conjugated with APC under optimal conditions. The solution is free of unconjugated APC and unconjugated antibody.
Usage recommendation	Each lot of this antibody is quality control tested by intracellular immunofluorescent staining with flow cytometric analysis. Test size products are transitioning from 20 µl to 5 µl per test. Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 µl staining volume or per 100 µl of whole blood. It is recommended that the reagent be titrated for optimal performance for each application. Read more at www.biolegend.com/testsize regarding the test size change.
Concentration	0.2 mg/ml
Storage	The antibody solution should be stored undiluted at 4 °C and protected from prolonged exposure to light. Do not freeze.
Size	50 µg; 100 tests

GENE INFORMATION

Gene Name	IL13 interleukin 13 [Homo sapiens]
Official Symbol	IL13
Synonyms	IL13; interleukin 13; interleukin-13; allergic rhinitis; ALRH; BHR1; Bronchial hyperresponsiveness2(bronchial asthma); IL 13; MGC116786; MGC116788; MGC116789; P600; Bronchial hyperresponsiveness-1 (bronchial asthma); IL-13;

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Gene ID	3596
mRNA Refseq	NM_002188
Protein Refseq	NP_002179
MIM	147683
UniProt ID	P35225
Chromosome Location	5q31
Pathway	Asthma, organism-specific biosystem; Asthma, conserved biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Cytokines and Inflammatory Response, organism-specific biosystem; Fc epsilon RI signaling pathway, organism-specific biosystem; Fc epsilon RI signaling pathway, conserved biosystem;
Function	cytokine activity; interleukin-13 receptor binding; protein binding;