

# Rat Anti-IL13 Monoclonal Antibody

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

## SPECIFICATION

<b>Product Overview</b>	Rat Anti-IL13 Monoclonal Antibody
<b>Species</b>	Human
<b>Source</b>	Rat
<b>Antigen Description</b>	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.
<b>Target</b>	IL13
<b>Immunogen</b>	COS-expressed, recombinant human IL-13
<b>Isotype</b>	IgG1, kappa
<b>species</b>	Human
<b>Clone</b>	KFT20-6B3
<b>Conjugation</b>	APC

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<b>Applications</b>	N/A
<b>Preparation</b>	The antibody was purified by affinity chromatography, and conjugated with APC under optimal conditions. The solution is free of unconjugated APC and unconjugated antibody.
<b>Usage recommendation</b>	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 <a href="http://www.biolegend.com/testsize">www.biolegend.com/testsize</a> regarding the test size change.
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	The antibody solution should be stored undiluted at 4 °C and protected from prolonged exposure to light. Do not freeze.
<b>Size</b>	50 µg; 100 tests

## GENE INFORMATION

<b>Gene Name</b>	IL13 interleukin 13 [ <a href="#">Homo sapiens</a> ]
<b>Official Symbol</b>	IL13
<b>Synonyms</b>	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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<b>Gene ID</b>	3596
<b>mRNA Refseq</b>	NM_002188
<b>Protein Refseq</b>	NP_002179
<b>MIM</b>	147683
<b>UniProt ID</b>	P35225
<b>Chromosome Location</b>	5q31
<b>Pathway</b>	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;
<b>Function</b>	cytokine activity; interleukin-13 receptor binding; protein binding;

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