

ARG21451 anti-IL13 antibody [JES10-5A2] (low endotoxin)

Package: 100 µg
Store at: -20°C

Summary

Product Description	Azide free and low endotoxin Rat Monoclonal antibody [JES10-5A2] recognizes IL13
Tested Reactivity	Hu
Tested Application	ELISA, ELISPOT, FACS, ICC/IF, IHC-Fr, Neut
Specificity	Human IL-13.
Host	Rat
Clonality	Monoclonal
Clone	JES10-5A2
Isotype	IgG1, kappa
Target Name	IL13
Species	Human
Immunogen	COS-expressed human IL-13
Conjugation	Un-conjugated
Alternate Names	Interleukin-13; P600; IL-13

Application Instructions

Application table	Application	Dilution
	ELISA	< 5 µg/ml
	ELISPOT	Assay-dependent
	FACS	Assay-dependent
	ICC/IF	Assay-dependent
	IHC-Fr	Assay-dependent
	Neut	Assay-dependent

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification Note	Low endotoxin
Buffer	PBS
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 3596 Human Swiss-port # P35225 Human
Gene Symbol	IL13
Gene Full Name	interleukin 13
Background	This gene encodes an immunoregulatory cytokine produced primarily by activated Th2 cells. This cytokine is involved in several stages of B-cell maturation and differentiation. It up-regulates CD23 and MHC class II expression, and promotes IgE isotype switching of B cells. This cytokine down-regulates macrophage activity, thereby inhibits the production of pro-inflammatory cytokines and chemokines. This cytokine is found to be critical to the pathogenesis of allergen-induced asthma but operates through mechanisms independent of IgE and eosinophils. This gene, IL3, IL5, IL4, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL4. [provided by RefSeq, Jul 2008]
Function	Cytokine. Inhibits inflammatory cytokine production. Synergizes with IL2 in regulating interferon-gamma synthesis. May be critical in regulating inflammatory and immune responses. [UniProt]
Calculated Mw	16 kDa