

Product Information

Contents: Functional Grade Purified anti-human interleukin-5 (IL-5)
Catalog Number: 16-7059
Sizes: 50 ug, 500 ug
Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, No NaN₃
Storage Conditions: Store at 4°C.
Avoid repeated freeze/thaw cycles.
KEEP CONTENT STERILE.
Endotoxin Level: Less than 0.001 ng/ug antibody, as determined by the LAL assay.
Clone: JES1-5A10
Isotype: Rat IgG2a, κ

Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
12-7059	PE anti-human IL-5 (Interleukin-5)	488	575	IC
13-7059	Biotin anti-human IL-5 (Interleukin-5)	N/A	N/A	ELISA det ELISPOT det
16-7059	Functional Grade* Purified anti-human IL-5 (Interleukin-5)	N/A	N/A	BA

*Functional Grade™ (FG™): Azide-free, sterile-filtered, and endotoxin < 0.001 ng/μg.
Purified: Contains azide, not sterile-filtered, and not endotoxin tested.

Description

The JES1-5A10 antibody reacts with human interleukin-5 (IL-5), also known as BCDF-α and eosinophil differentiation factor (EDF). This 15-20 kDa cytokine is secreted by T cells and exists as a homodimer.

Usage

For research use only, not for diagnostic or therapeutic use. JES1-5A10 has been reported for use in neutralizing IL-5 binding and biological activity. Please refer to the supporting protocols for more information. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Applications Tested

The JES1-5A10 antibody has been tested for neutralizing IL-5 binding and biological activity.

References

Abrams, J. S., M. G. Roncarolo, et al. (1992). "Strategies of anti-cytokine monoclonal antibody development: immunoassay of IL-10 and IL-5 in clinical samples." *Immunol Rev* 127: 5-24.