

Product Information

Contents: Functional Grade Purified anti-mouse/human interleukin-5 (IL-5)

Catalog Number: 16-7052

Sizes: 50 ug, 500 ug

Formulation: Phosphate buffer pH 7.2, 150 mM NaCl, No NaN₃

Storage Conditions: Store at 4°C.

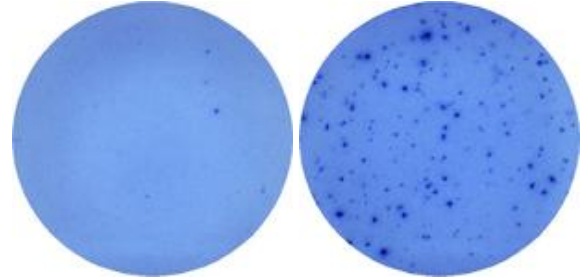
Avoid repeated freeze/thaw cycles.

KEEP CONTENT STERILE.

Endotoxin Level: Less than 0.001 ng/ug antibody, as determined by the LAL assay.

Clone: TRFK5

Isotype: Rat IgG1, κ



Naive mouse splenocytes (SJL/J strain) were stimulated with 2 ug/ml ConA in HL-1 media for 48 hours (right well) in a mouse IL-5 ELISPOT assay plate (pre-coated with functional grade TRFK5 antibody). Left well is medium alone control.

Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
14-7052	Affinity Purified anti-mouse/human IL-5 (Interleukin-5)	N/A	N/A	ELISA cap ELISPOT cap IC NU
16-7052	Functional Grade* Purified anti-mouse/human IL-5 (Interleukin-5)	N/A	N/A	NU

*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 TRFK5 antibody reacts with mouse and 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. The TRFK5 antibody has been reported for use in cytokine neutralization.

Applications Tested

The TRFK5 antibody has been tested for neutralization of IL-5 binding and biological activity. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Related Products

- Cat. 16-4301 Functional Grade Purified Rat IgG1 Isotype Control
- Cat. 13-7051 Biotin anti-mouse IL-5 (Interleukin-5) (clone TRFK4)
- Cat. 14-7051 Affinity Purified anti-mouse IL-5 (Interleukin-5) (clone TRFK4)
- Cat. 14-7052 Affinity Purified anti-mouse/human IL-5 (Interleukin-5) (clone TRFK5)
- Cat. 12-7059 PE anti-human IL-5 (Interleukin-5) (clone JES1-5A10)
- Cat. 13-7059 Biotin anti-human IL-5 (Interleukin-5) (clone JES1-5A10)
- Cat. 16-7059 Functional Grade Purified anti-human IL-5 (Interleukin-5) (clone JES1-5A10)

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.

Schumacher, J. H., A. O'Garra, et al. (1988). "The characterization of four monoclonal antibodies specific for mouse IL-5 and development of mouse and human IL-5 enzyme-linked immunosorbent." *J Immunol*141(5): 1576-81.

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