

## Product Information

Contents: Functional Grade Purified anti-mouse interleukin-10 (IL-10)  
Catalog Number: 16-7102  
Sizes: 50 ug, 500 ug  
Formulation: Phosphate buffer pH 7.2,  
150 mM NaCl, No NaN<sub>3</sub>  
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: JES5-2A5  
Isotype: Rat IgG1, κ

### Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
13-7102	Biotin anti-mouse IL-10 (Interleukin-10)	N/A	N/A	ELISA det ELISPOT det
14-7102	Affinity Purified anti-mouse IL-10 (Interleukin-10)	N/A	N/A	ELISA
16-7102	Functional Grade* Purified anti-mouse IL-10 (Interleukin-10)	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 JES5-2A5 antibody reacts with mouse interleukin-10 (IL-10), an 18 kDa cytokine secreted by Th2 and B-1 cells.

### Usage

For research use only, not for diagnostic or therapeutic use. JES5-2A5 has been reported for use in neutralizing IL-10 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 JES5-2A5 antibody has been tested for neutralizing IL-10 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.
- Sander, B., I. Hoiden, et al. (1993). "Similar frequencies and kinetics of cytokine producing cells in murine peripheral blood and spleen. Cytokine detection by immunoassay and intracellular immunostaining." *J Immunol Methods* 166(2): 201-14.