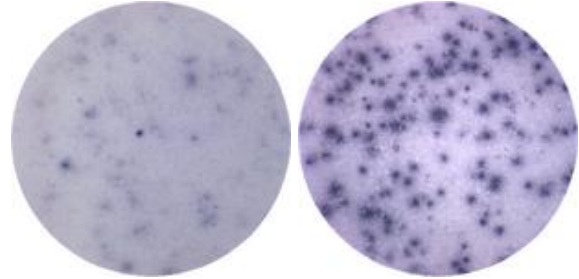


## Product Information

Contents: Functional Grade Purified anti-mouse interleukin-4 (IL-4)  
Catalog Number: 16-7041  
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: 11B11  
Isotype: Rat IgG1, κ



*Splenocytes from 8 week old mice pre-immunized with OVA/IFA were recall-activated with OVA antigen for 36 hours in mouse IL-4 ELISPOT assay. Control well is medium alone.*

Available Formats of This Product				
Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
11-7041	DISCONTINUED - FITC anti-mouse IL-4 (Interleukin-4)	488	518	IC
12-7041	PE anti-mouse IL-4 (Interleukin-4)	488	575	IC
14-7041	Affinity Purified anti-mouse IL-4 (Interleukin-4)	N/A	N/A	ELISA cap ELISPOT cap
16-7041	Functional Grade* Purified anti-mouse IL-4 (Interleukin-4)	N/A	N/A	BA
17-7041	APC anti-mouse IL-4 (Interleukin-4)	633	660	IC
25-7041	DISCONTINUED - **PLEASE SEE CAT NO. 25-7042 INSTEAD** Phycoerythrin-Cy7 (PE-Cy7) anti-mouse IL-4 (Interleukin-4)	488	760	IC

\*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 11B11 antibody reacts with mouse interleukin-4 (IL-4), a 14 kDa cytokine secreted by Th2 cells.

## Usage

For research use only, not for diagnostic or therapeutic use. 11B11 has been reported for use in neutralizing IL-4 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 11B11 antibody has been tested for neutralizing IL-4 binding and biological activity.

## Related Products

Cat. 24-5093 Polyclonal anti-mouse IgD antiserum (activating) (clone Polyclonal)

## References

Ohara, J. and W. E. Paul (1985). "Production of a monoclonal antibody to and molecular characterization of B-cell stimulatory factor-1." *Nature* 315(6017): 333-6.

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