

# Technical Data Sheet

## InVivoMAb anti-mouse IL-17F



**Attention:** Use of this product constitutes an agreement to Bio X Cell's Terms and Conditions which are included with this product in print and can also be found at <https://bioxcell.com/terms-and-conditions>.

### Lot Specific Information

Lot Number: Lot Specific\*  
Volume: Lot Specific\*  
Concentration: Lot Specific\* (generally 4 to 11 mg/ml) \*  
Total Protein: Lot Specific\*

\*This information will be noted on the certificate of analysis that ships with this product.

### Product Information

Catalog Number: BE0303  
Clone: MM17F8F5.1A9  
Isotype: Mouse IgG1,  $\kappa$   
Recommended Isotype Control(s): InVivoMAb mouse IgG1 isotype control, unknown specificity  
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer  
Immunogen: Mouse IL-17F  
Reported Applications: *in vivo* IL-17F neutralization  
Formulation: PBS, pH 7.0  
Contains no stabilizers or preservatives  
Endotoxin: <2EU/mg (<0.002EU/ $\mu$ g)  
Determined by LAL gel clotting assay  
Purity: >95%  
Determined by SDS-PAGE  
Sterility: 0.2  $\mu$ m filtration  
Production: Purified from cell culture supernatant in an animal-free facility  
Purification: Protein A  
RRID: [AB\\_2715461](https://identifiers.org/AB_2715461)  
Molecular Weight: 150 kDa

### Description

The MM17F8F5.1A9 (also known as MM17F-8F5) monoclonal antibody reacts with mouse IL-17F a 37 kDa cytokine expressed by Th17 cells,  $\gamma\delta$  T cells, mast cells, basophils, and epithelial cells. IL-17F can be secreted as homodimers or as heterodimers with IL-17A. IL-17F and IL-17A have overlapping functions. Both play an important role in anti-microbial and chronic inflammation by inducing cytokine and chemokine production, neutrophil influx, and the production of antibacterial peptides. Overexpression of IL-17F is associated with airway hyperreactivity and mucus hypersecretion. The MM17F8F5.1A9 antibody has been shown to neutralize IL-17F *in vivo*.

### Storage

Store at the stock concentration at 4°C. **Do not freeze.**

It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at <https://bioxcell.com/faqs>.

### Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration

experiment.

## Application References

For a complete list of references, visit [https://bioxcell.com/catalogsearch/result/?q=BE0303#tab\\_references](https://bioxcell.com/catalogsearch/result/?q=BE0303#tab_references) or scan the QR code below.



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*Not for resale.*

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