

InVivoMAb anti-mouse IL-17F

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, κ
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:	<i>in vivo</i> IL-17F neutralization
Formulation:	PBS, pH 7.0 Contains no stabilizers or preservatives
Endotoxin:	<2EU/mg (<0.002EU/ μ g) Determined by LAL gel clotting assay
Purity:	>95% Determined by SDS-PAGE
Sterility:	0.2 μ m filtration
Production:	Purified from tissue culture supernatant in an animal free facility
Purification:	Protein A
RRID:	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*.

Shelf-life and Storage

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

All Bio X Cell antibodies have a guaranteed shelf-life of one year from the date of customer receipt when stored as recommended. 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 bxcell.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://bxcell.com/product/invivomab-anti-mouse-il-17f/#references> or scan the QR code below.



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