

InVivoPlus anti-mouse IL-17A

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://bxcell.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:	BP0173
Clone:	17F3
Isotype:	Mouse IgG1, κ
Recommended Isotype Control(s):	InVivoPlus mouse IgG1 isotype control, unknown specificity
Recommended Dilution Buffer:	InVivoPure pH 7.0 Dilution Buffer
Immunogen:	Mouse IL-17A cross-linked to OVA
Reported Applications:	<i>in vivo</i> IL-17A neutralization
Formulation:	PBS, pH 7.0 Contains no stabilizers or preservatives
Endotoxin:	<1EU/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 G
Aggregation:	<5% Determined by DLS
RRID:	AB_10950102
Molecular Weight:	150 kDa

Murine Pathogen Test Results

Mouse Norovirus: Negative, Mouse Parvovirus: Negative, Mouse Minute Virus: Negative, Mouse Hepatitis Virus: Negative, Reovirus Screen: Negative, Lymphocytic Choriomeningitis virus: Negative, Lactate Dehydrogenase-Elevating Virus: Negative, Mouse Rotavirus: Negative, Theiler's Murine Encephalomyelitis: Negative, Ectromelia/Mousepox Virus: Negative, Hantavirus: Negative, Polyoma Virus: Negative, Mouse Adenovirus: Negative, Sendai Virus: Negative, Mycoplasma Pulmonis: Negative, Pneumonia Virus of Mice: Negative, Mouse Cytomegalovirus: Negative, K Virus: Negative,

Description

The 17F3 monoclonal antibody reacts with mouse IL-17A a 15-20 kDa cytokine expressed by Th17 cells, $\gamma\delta$ T cells, iNKT cells, NK cells, LTi cells, neutrophils, and intestinal Paneth cells. IL-17A has pleiotropic effects in immunoregulation and inflammation. It plays an important role in anti-microbial and chronic inflammation by inducing cytokine and chemokine production, neutrophil influx, and the production of antibacterial peptides but it is also an inflammatory mediator in the development of autoimmune diseases including rheumatoid arthritis, asthma, multiple sclerosis, and psoriasis. The 17F3 antibody has been shown to neutralize IL-17A *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

Bio X Cell, Inc.

bxcell.com
1.866.787.3444
customerservice@bxcell.com

Conditions: For Research Use Only. Not for use in diagnostic or therapeutic procedures. Not for resale.

Bio X Cell, Bio X Cell Logo and all other trademarks are the property of Bio X Cell, Inc. © 2020 Bio X Cell

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://bxccl.com/product/invivoplus-anti-mouse-il-17a/#references> or scan the QR code below.



Bio X Cell, Inc.

bxccl.com
1.866.787.3444
customerservice@bxccl.com

Conditions: For Research Use Only. Not for use in diagnostic or therapeutic procedures. Not for resale.

Bio X Cell, Bio X Cell Logo and all other trademarks are the property of Bio X Cell, Inc. © 2020 Bio X Cell