

InVivoPlus anti-mouse IL-12 p40



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://bxccl.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:	BP0051
Clone:	C17.8
Isotype:	Rat IgG2a, κ
Recommended Isotype Control(s):	InVivoPlus rat IgG2a isotype control, anti-trinitrophenol
Recommended Dilution Buffer:	InVivoPure pH 7.0 Dilution Buffer
Immunogen:	Recombinant mouse IL-12 p70 <i>in vivo</i> IL-12p40 neutralization p40 affinity chromatography Immunoprecipitation ELISA Flow cytometry Western blot
Reported Applications:	PBS, pH 7.0 Contains no stabilizers or preservatives
Formulation:	<1EU/mg (<0.001EU/ μ g) Determined by LAL gel clotting assay
Endotoxin:	>95% Determined by SDS-PAGE
Purity:	0.2 μ M filtered
Sterility:	Purified from tissue culture supernatant in an animal free facility
Production:	Protein G
Purification:	<5% Determined by DLS
Aggregation:	AB_1107698
RRID:	150 kDa
Molecular Weight:	

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 C17.8 antibody reacts with mouse p40 also known as IL-12 β . p40 is a 40 kDa subunit of IL-12 and IL-23. IL-12 is a heterodimeric cytokine composed of subunits IL-12 α p35 and IL-12 β p40. The p40 subunit of IL-12 also combines with p19, a protein that shows no biological activity by itself, to form IL-23. IL-12 is secreted by activated monocytes, macrophages, and dendritic cells while IL-23 is secreted by activated dendritic cells and epithelial cells. IL-12 plays roles in T lymphocyte differentiation, IFN γ production, and NK cell cytotoxicity. The C17.8 antibody has been shown to neutralize both IL-12 and IL-23 bioactivity.

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

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how to remove floccules or precipitates see our FAQ's at bxccl.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://bxccl.com/product/invivoplus-anti-m-il-12-il-23/#references> or scan the QR code below.

