



# Two Antibody Lines. One Trusted Source.

A side-by-side guide to choosing between  
*InVivoMAb™* and *InVivoPlus™*



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Bio X Cell is the trusted standard for *in vivo* ready, functional grade antibodies, delivering consistent lot-to-lot performance at scale from milligrams to grams. The two flagship product lines, *InVivoMAb* and *InVivoPlus*, are ultrapure, preservative-free, and specifically formulated to support success in translational studies from complex *in vivo* research to advanced *in vitro organoid/* *organs-on-chip* model systems.

*InVivoPlus* antibodies undergo enhanced QC testing and pathogen screening, making them the ideal choice when maximum assurance or regulatory-ready documentation is required. The comparison below provides an overview of these product lines to support antibody selection across *in vivo* studies as well as *in vitro organoid/* *organs-on-chip* model system workflows.

## Why Choose Bio X Cell?

### Cited in Nearly 30,000 Publications. Trusted Worldwide.



Extensive catalog of popular clones in both *InVivoMAb*™ and *InVivoPlus*™ formats



Exceptional quality & purity

- Formulated for *in vivo* use
- Unmatched lot-to-lot consistency
- ≤1 EU/mg endotoxin level
- ≥95% Purity
- No added carriers or preservatives



PhD-level technical support



Custom services for catalog modifications or your own antibodies



Antibodies available globally with rapid shipping

## Products

### Explore the Options: Two Formats, One Foundation of Quality



***InVivoMAb*™**

- ✓ High-purity monoclonal antibodies formulated for *in vivo* research
- ✓ Purity ≥95%, endotoxin ≤1 EU/mg
- ✓ Free from preservatives, stabilizers, and carrier proteins
- ✓ Suitable for a wide range of applications, including immune checkpoint inhibition, cell depletion, cytokine neutralization, and receptor blocking
- ✓ All lots undergo endotoxin and purity testing. Additional murine pathogen screening† available in *InVivoPlus* format



***InVivoPlus*™**

- ✓ Built with the same consistent *in vivo* ready formulation plus additional murine pathogen screening† and even lower endotoxin levels
- ✓ Endotoxin levels ≤0.5 EU/mg
- ✓ Binding validation (by immunoblot, flow cytometry, or ELISA)
- ✓ Murine Pathogen Screening† (Determined by ultrasensitive real-time PCR)
- ✓ Antibody Aggregation Screening (by Size Exclusion Chromatography)
- ✓ Ideal for compliance-sensitive, immunocompromised, or disease-specific models

† Murine pathogen screening includes: *Mycoplasma* including *M. pulmonis*, *M. arginini*, *M. fermentans*, *M. hominis*, *M. hyorhinis*, *M. orale*, *M. pirum*, *M. salivarium*, *M. agassizii*, *M. cynos*, and others. Murine norovirus (MNV), murine parvovirus (MPV) 1, 2, 3, 4, and 5, murine minute virus (MMV/MVM), murine hepatitis virus (MHV), murine reovirus (REO) type 1, 2, and 3, lymphocytic choriomeningitis virus (LCMV), lactate dehydrogenase elevating virus (LDV), murine rotavirus (MRV/EDIM), Theiler's murine encephalomyelitis virus (TMEV), ectromelia virus (ECTRO), hantavirus (HANTA), polyoma virus (POLY), murine adenovirus (detects and differentiates MAD1 and MAD2), Sendai virus (SEND), pneumonia virus of mice (PVM), murine cytomegalovirus (MCMV) 1 and 2, and K virus.

## Products

## Comparison Chart

All antibodies from Bio X Cell feature detailed Certificates of Analysis to support your documentation needs. Bio X Cell offers fast, global delivery on over 600 antibody targets, ensuring critical reagents won't slow down your next small or large-scale functional study

|                                |                                                    | InVivoMAb™     | InVivoPlus™    |
|--------------------------------|----------------------------------------------------|----------------|----------------|
| Binding Validation             | Determined by immunoblot, flow cytometry, or ELISA | x              | ✓              |
| Murine Pathogen Screening      | Determined by ultrasensitive real-time PCR         | x              | ✓              |
| Antibody Aggregation Screening | Determined by Size Exclusion Chromatography        | x              | ✓              |
| Endotoxin                      | Determined by LAL gel clotting assay               | ≤1EU/mg        | ≤0.5EU/mg      |
| Purity                         | Determined by SDS-PAGE                             | ≥95%           | ≥95%           |
|                                | Preservative, stabilizer, and carrier protein-free | ✓              | ✓              |
|                                | Formulated for <i>in vivo</i> use                  | ✓              | ✓              |
|                                | Catalog number format                              | Begins with BE | Begins with BP |

## Applications

## Broad Utility Across Multiple Research Specialties

Bio X Cell's InVivoMAb™ and InVivoPlus™ antibodies are validated or cited for:



- ✓ Immune cell depletion and activation
- ✓ Cytokine and receptor targeting
- ✓ Immune checkpoint blockade
- ✓ Disease model development
- ✓ Tumor microenvironment studies
- ✓ Neuroinflammation and CNS delivery

[Refer to individual product pages for specific application validation data.](#)

## Custom Services

## Need Additional Specialization or Customization?

Whether you're working in regulated environments or require specific buffer conditions, Bio X Cell offers flexible support:

**Custom Formulations**

Tailor buffer systems or concentrations to your protocol

**Bulk Supply**

Order at the scale you need, from milligrams to kilograms

**Recombinant Versions**

Engineered from the ground up for functional use in animal models

**Conjugation Services**

Label antibodies for detection or multiplexing



**Antibody Solutions for Breakthrough Discovery**

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