

# Antibody Solutions for Breakthrough Discovery

Empowering scientists with precision *in vivo*  
antibodies and PhD-level support



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Researchers must have access to the right products, services, and support for successful scientific breakthroughs. However, sourcing reliable antibodies can be complex, costly, and fraught with delays. Additionally, poor product quality can compromise data integrity, contribute to reproducibility challenges, and hinder the progress of your program.

For nearly 30 years, Bio X Cell has been committed to researchers' success, setting the standard for antibody performance, quality, and reliability in translational and preclinical research.



Global leader of *in vivo* ready functional antibody solutions



Scalable production from milligrams to grams



Custom services for catalog modifications or your own antibodies



Exceptional quality & purity



PhD-level technical support



Antibodies available globally with rapid shipping

## Products

### The Right Products to Fuel Your Research

Bio X Cell antibodies are formulated to meet the high standards of *in vivo* studies, ensuring clean results and reproducibility. Our antibodies are ultrapure ( $\geq 95\%$ ), feature low endotoxin levels ( $\leq 1$  EU/mg), and are free of preservatives, stabilizers, and carrier proteins. Complementary dilution buffers have parallel quality standards.



#### **InVivoMab™ Functional Antibodies**

Dependable MAbs for *in vivo* and *in vitro* applications



#### **InVivoPlus™ Functional Antibodies**

Ultrapure MAbs that undergo binding validation and murine pathogen screening



#### **RecombiMab™ Recombinant Antibodies**

Validated for binding and screened for protein aggregation to reduce immunogenicity



#### **InVivoSIM™ Biosimilar Antibodies**

High-quality biosimilar antibodies, avoiding the need to source expensive pharmaceutical-grade therapeutics



#### **ReadyTag™ Anti-Tag Antibodies**

Anti-tag antibodies useful for detecting tagged proteins



#### **Conjugated Antibodies**

Fluorophore tagged antibodies for a range of applications like multi-color flow cytometry, fluorescence-activated cell sorting (FACS), Immunofluorescence (IF), and Immunocytochemistry (ICC)



#### **Isotype Controls**

Carefully selected to match the species and isotype of your primary antibody, providing reliable negative controls



#### **Fusion Proteins**

Effectively enable functional modulation of biological targets



#### **InVivoPure™ Dilution Buffers**

Formulated for *in vivo* use and to match the exact composition and pH of Bio X Cell antibodies

## Research Areas &amp; Applications

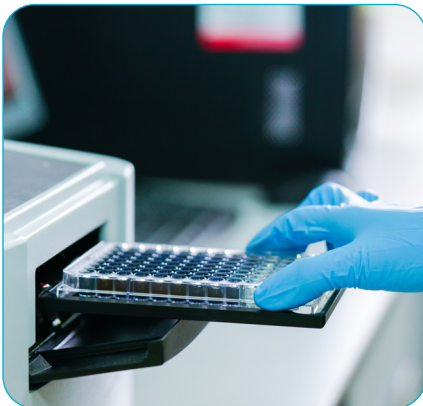
## Antibodies Helping to Push the Boundaries of Science

Bio X Cell antibodies are validated to meet the stringent demands of *in vivo* research and are widely used for functional applications, including blocking, neutralization, and agonistic studies. They also support a broad range of *in vitro* research needs, aligning with New Approach Methodologies (NAMs) such as *in vitro* organoid/organ-on-chip systems and 3D cell culture. Our antibodies have been cited in publications advancing many of the most pressing areas in biomedical research.



## Research Areas

- ✓ Apoptosis
- ✓ Cancer Biology
- ✓ Cell Migration and Adhesion
- ✓ CD Markers
- ✓ Immune Checkpoint Proteins
- ✓ Immunology
- ✓ Infectious Disease
- ✓ Innate Immunity
- ✓ Neuroscience
- ✓ Organs-on-Chips, Organoids & 3D Cell Cultures
- ✓ Tumor Antigens
- ✓ T cells
- ✓ B cells



## Applications

- ✓ *in vivo* Neutralization & Blocking
- ✓ *in vivo* Cell Specific Depletion
- ✓ *in vivo* Activation / Stimulation
- ✓ *in vivo* Targeting / Engagement
- ✓ *in vitro* Activation / Stimulation
- ✓ *in vitro* Targeting / Engagement
- ✓ *in vitro* Neutralization & Blocking
- ✓ ELISA
- ✓ Flow Cytometry
- ✓ Functional Assays
- ✓ Immunofluorescence
- ✓ Immunohistochemistry
- ✓ Immunoprecipitation
- ✓ Western Blot

## Custom Services

## Flexible Antibody Services to Meet the Demands of Your Program

With over 600 ready-to-ship antibody targets designed to support diverse research applications, rapid global shipping, and custom services to expand your research options with greater versatility and scalability, Bio X Cell products and services are able to support your research need from preclinical to translational work.



## High-Volume Antibody Production

Optimized cell culture processes allows Bio X Cell to produce antibodies more efficiently than traditional methods while keeping endotoxin levels low.



## Antibody Engineering &amp; Recombinant Production

Customized antibodies with the ideal species and isotype for each application or reduced immunogenicity.



## Conjugation Services

Antibody conjugation capabilities are designed to meet the evolving needs of biotherapeutics researchers, simplifying the complex and time-intensive nature of conjugation chemistry.



## QC &amp; Testing Services

Highly customizable services, including enhanced quality control, concentration adjustments, buffer exchange, and custom vialing, integrate seamlessly into any workflow.

## Why Choose Bio X Cell?

## More Than a Supplier – A Partner on Your Path to Discovery

**Quality That Goes Above and Beyond**

Ultrapure antibodies ( $\geq 95\%$ ), with low endotoxin levels ( $\leq 1$  EU/mg), and exceptionally low levels of protein aggregation, free of preservatives, stabilizers, and carrier proteins to ensure clean, reproducible results

**Global Reach & Rapid Delivery**

An international supply network, anchored by facilities in the US, Germany, and China, enables rapid, reliable delivery to support uninterrupted research.

**Advanced Binding Validation**

Bio X Cell utilizes a library of recombinant proteins and our bioassay expertise to validate that each lot of select premium *in vivo*-ready antibodies binds strongly and specifically to its target antigen.

**Matched Isotype Control Antibodies**

With a broad portfolio of non-binding isotype control antibodies, selecting the correct control is straightforward and reliable

**Flexible, Customizable Services**

From custom formulation to conjugation and large-volume production, services deliver the flexibility needed to support complex research while maintaining uncompromising quality.

**Your distributor in Switzerland**

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