

Advancing Immunology Research with Confidence

High-quality *in vivo* antibodies backed by
peer-reviewed publications and responsive support



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Immunology research is foundational for uncovering disease mechanisms, developing new therapies, and improving patient outcomes. However, progress is often slowed by inconsistent antibody performance, incomplete documentation, and supply disruptions that compromise experimental reproducibility.

Bio X Cell empowers immunology researchers by providing *in vivo*-validated antibodies with consistent performance, detailed and transparent documentation, and a reliable global supply. As your trusted partner in high-stakes preclinical studies, Bio X Cell delivers the reproducibility and confidence you need to advance your therapeutic programs efficiently.

Why Choose Bio X Cell?

Cited in Nearly 30,000 Publications. Trusted Worldwide.



Global leader in citations of antibodies for *in vivo* use



Flexible starting points—customer-provided cells or sequence, or a Bio X Cell antibody



Scalable production from milligrams to grams



Custom services for catalog modifications or your own antibodies



Exceptional quality & purity

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



PhD-level technical support



In vivo-ready, rigorously tested, with lot-specific certificates of analysis available on demand



Antibodies available globally with rapid shipping

Products

Product Categories for Cancer Biology Applications



InVivoMAb™ Antibodies

Monoclonal antibodies ideal for *in vivo* immune modulation and depletion studies



InVivoPlus™ Antibodies

Enhanced QC version of InVivoMAb™, meeting additional publication and compliance needs



RecombiMAb™ Antibodies

Recombinant monoclonals designed for high consistency and long-term reproducibility



InVivoSIM™ Biosimilars

Research-grade biosimilars that model therapeutic antibodies in preclinical settings



Conjugated Antibodies

Fluorophore-, biotin-, or enzyme-conjugated antibodies for downstream detection



Isotype Controls

Matched controls optimized for *in vivo* research



ReadyTag™ Antibodies

Anti-tag antibodies useful for detecting tagged proteins



Fusion Proteins

Functional receptor fusion proteins for immune signaling studies

Products

Featured Products

With a growing catalog of over 700+ antibodies, Bio X Cell offers rapid global shipping which ensures access to critical reagents won't delay your next functional study.

Antigen	Reactivities Available	Citations	Research Applications
CD3ε	Mouse	300+	T cell activation/depletion
CD4*	Human, Mouse, Rat	900+	Helper T cell depletion
CD8α*	Human, Mouse, Rat	1,100+	Cytotoxic T cell depletion
CD19†	Human, Mouse	30+	B cell depletion and phenotyping
Gr-1/Ly6C*	Mouse	200+	Neutrophil depletion
PD-1**	Human, Mouse, Monkey	2,300+	Immune checkpoint blockade
CTLA-4*	Human, Mouse, Rat	500+	Immune modulation
CD25†	Human, Mouse, Rat	100+	Regulatory T cell depletion
IFN-γ†	Human, Mouse	400+	Cytokine analysis and functional studies

* Recombinant Format Available
† Biosimilar Format Available

Applications

Antibodies Tailored for Immune System Research

Bio X Cell antibodies support diverse immunology applications, including:

- Immune cell depletion and subset analysis
 - Cytokine neutralization and detection
 - Immune checkpoint blockade
 - Antigen receptor signaling
- Autoimmune and inflammatory disease models
 - Graft-versus-host disease (GVHD) studies
 - Vaccine and infectious disease research
 - Preclinical modeling of immunotherapies

Custom Services

Formulation and Conjugation Services for Immunology Research

When off-the-shelf options don't meet your needs, Bio X Cell offers tailored services to support custom immunology workflows:



Custom Formulations
Adjust buffers or concentrations to fit unique *in vivo* protocols



Custom Conjugation
Add fluorophores, biotin, or enzymes for multiplexed detection



Fragment Production
Fragments that reduce antibody size for more precise, less invasive, and more effective probing or targeting of neural pathways and disease processes



Bulk Scaling
Flexible production volumes from micrograms to kilograms



bioXcell



Your distributor in Switzerland

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