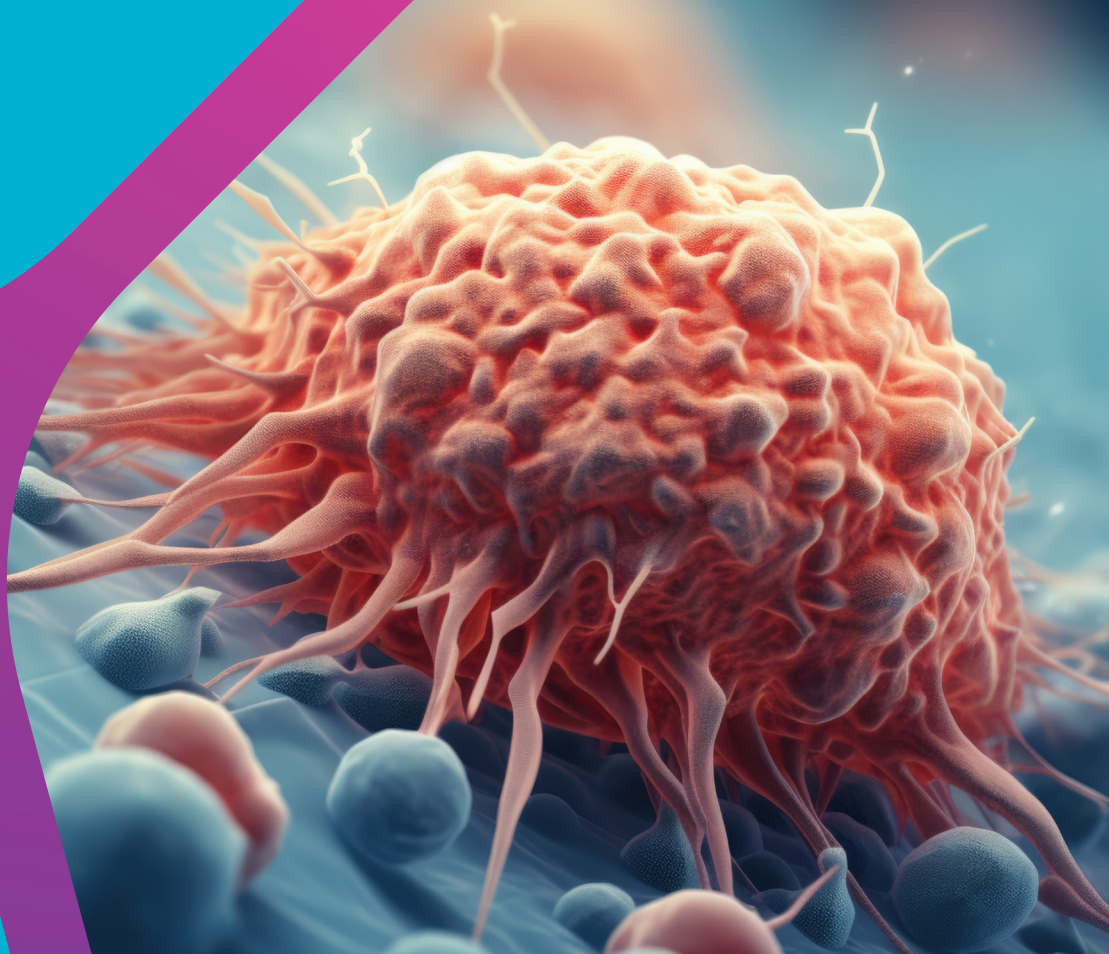




Flexible Antibody Solutions for Complex Cancer Studies

Built to advance *in vivo* cancer research



Cancer Antibodies Optimized for *In Vivo* Research

Ultrapure, Low Endotoxin, and Engineered to Advance In Vivo Cancer Research

Bio X Cell is the global leader in functional, *in vivo*-ready antibodies engineered to modulate tumor biology, not just detect it.

Most antibodies introduce variability. Bio X Cell eliminates the noise with ultrapure, carrier-free, low endotoxin antibodies that deliver consistent results across cancer models.

Your data should reflect tumor biology, not reagent noise.

Built for Functional Performance in Sensitive Cancer Models

Defined *In Vivo* Functionality

Purpose-built for use in living systems
From mechanistic studies to preclinical efficacy

Ultrapure, Low Endotoxin Formulation

≤ 0.5 EU/mg endotoxin
Eliminates cytokine artifacts

Reproducibility You Can Trust

Lot-level validation for $\geq 95\%$ purity
Trusted in thousands of cancer publications

Biological Continuity Across Models

No reformulation or variability
Consistent biological outcomes

Research Advantages At-a-Glance

Designed for studies where data quality, timeline confidence, and program continuity matter.

- ✓ **Reproducibility built in:** Lot-validated, ultrapure antibodies ensure consistent results
- ✓ **Translational continuity:** Multiple formats support seamless progression across studies
- ✓ **Lower background noise:** Low endotoxin and low aggregation reduce cytokine artifacts
- ✓ **Fewer mid-study changes:** Sequence-defined reagents support lot-to-lot consistency
- ✓ **Easier scale-up:** Consistent supply supports cohort expansion without changing reagents

Why Researchers Choose Bio X Cell



Ultrapure, *In Vivo*-Ready

≥95% purity, low endotoxin, controlled aggregation for sensitive biology



Built for Living Systems

Antibodies designed to perform reliably in *in vivo* models



Peer-Reviewed Trust

Cited in nearly 30,000 publications worldwide



Program-Scale Reliability

Single-lot supply and ready-to-ship formats support uninterrupted studies

Built for Cancer Research Applications

- ✓ Immune checkpoint blockade
- ✓ Tumor microenvironment modulation
- ✓ Cytokine neutralization and signaling
- ✓ Tumor immune cell profiling and depletion
- ✓ Preclinical modeling of therapeutic antibodies
- ✓ Syngeneic and xenograft tumor studies

Featured Ready-to-Ship Functional Cancer Antibodies

Explore key targets with pre-engineered formats designed to support specific *in vivo* study needs.

Target	Reactivities Available	Citations	Research Application
PD-1	Human, Mouse, Monkey	2,300+	Blockade of T cell exhaustion
CD8 α	Human, Mouse, Rat	1,100+	CD8+ T cell tracking and depletion
PD-L1	Human, Mouse, Rat, Canine	700+	Tumor immune evasion studies
CTLA-4	Human, Mouse, Rat	500+	Treg depletion and modulation
CD47	Human, Mouse, Rat	100+	Macrophage-mediated phagocytosis
IL-10	Human, Mouse	100+	Tumor-associated immunosuppression studies
CD25	Human, Mouse, Rat	90+	Treg targeting in tumor microenvironment

Custom Cancer Antibody Solutions

For programs requiring specialized formats, higher volumes, or growing program demands, Bio X Cell offers collaborative engineering services.

- ✓ Bispecifics, fragments, Fc fusions, and advanced architectures
- ✓ Species and isotype switching to match study biology
- ✓ Mammalian expression (HEK or CHO)
- ✓ *In vivo*-aligned purification, QC, and formulation



Discuss custom formats for your study. Visit bioxcell.com/custom-antibody-services



Antibody Solutions for Breakthrough Discovery

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