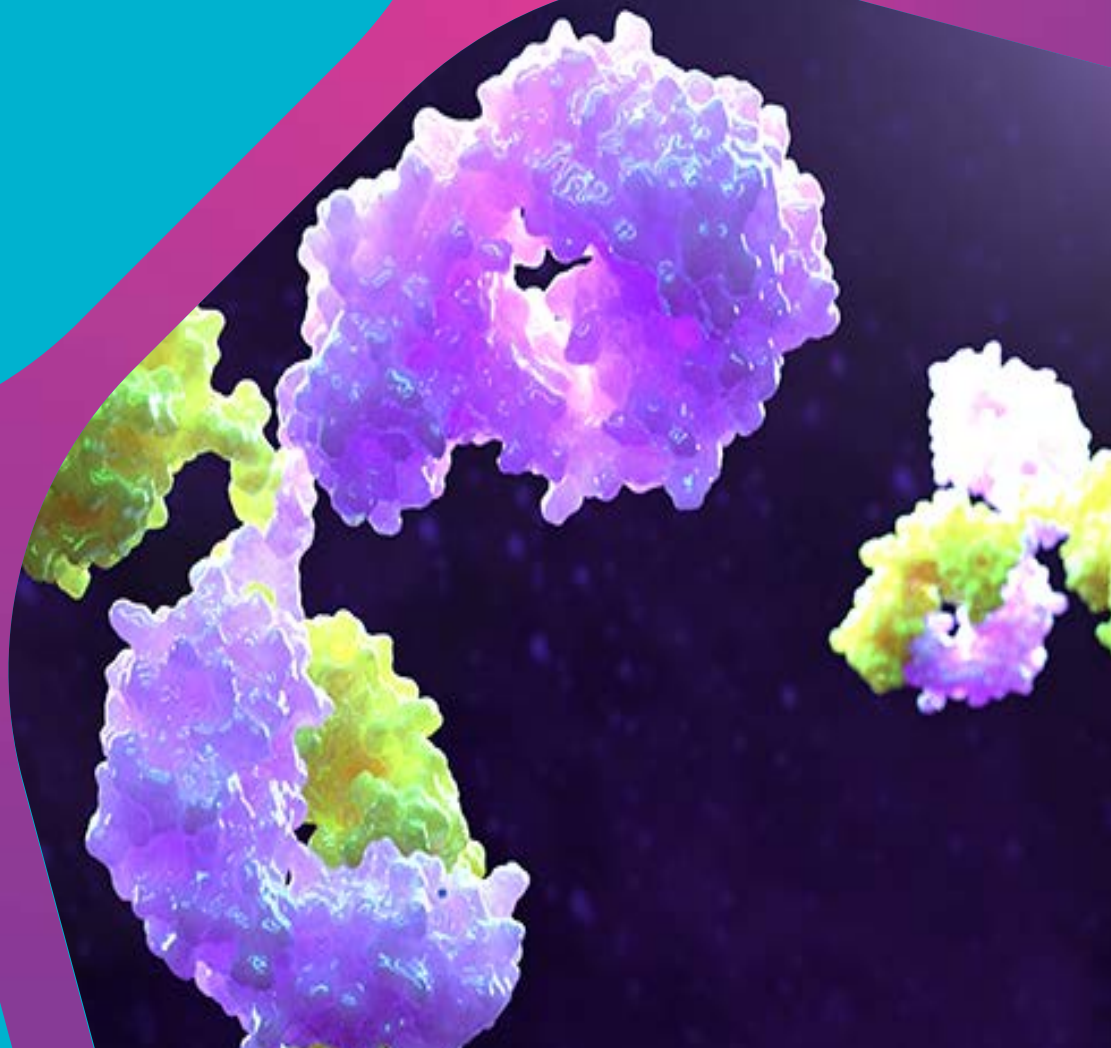




Scale Your Science with Functional RUO Multispecific Antibodies

From Ready-to-Ship Reagents to Custom
Multispecific Designs for Translational Research



Scale Your Science with Functional Multispecific Antibodies

From Ready-to-Ship Reagents to Custom Bispecific and Trispecific Designs for Translational Research

As biological questions become increasingly complex, researchers require tools capable of interrogating multiple targets within a single experimental system. Bio X Cell's multispecific antibody portfolio includes ready-to-ship bispecific and trispecific antibodies, alongside custom engineering services, to support immune modulation, interaction biology, and complex *in vivo* and organoid research workflows.

For advanced translational programs, Bio X Cell offers custom multispecific engineering, including novel target pairings, Fc engineering, and scalable production. From exploratory milligram quantities to gram-scale preclinical supply, researchers can maintain reagent continuity across study phases with project timelines as short as four weeks.

Backed by ~30,000 peer-reviewed product citations, Bio X Cell delivers consistent, functionally validated bispecific and trispecific antibody tools designed to support reproducible data and translationally relevant research.

Expert *In Vivo* Antibody Production for Confident, Scalable Study Support

Specialized Scientific Multispecific Expertise



- Architecture guidance aligned to mechanism and study goals
- Human-relevant data without humanized models

Reliable RUO Production Capacity



- U.S.-based manufacturing with mg-g scale output
- Consistent large-volume production without lot re-engineering

Ready-to-Ship Catalog Availability



- Immediate study initiation with *in vivo*-ready purity
- $\geq 95\%$ purity, ≤ 0.5 EU/mg endotoxin
- Carrier- and preservative-free formulations

Flexible RUO Multispecific Antibodies for Scalable Translational Research

Anti-Human Multispecific Antibodies



Mirror therapeutic architectures to benchmark pathway interactions, validate multi-target engagement, and evaluate translational mechanisms in human-relevant systems.

Anti-Mouse Multispecific Antibodies



Enable mechanistic studies in standard preclinical models to investigate immune engagement, pathway coordination, and therapeutic response.

Custom Multispecific Antibody Solutions



Flexible sizing, architectures, Fc engineering, and species pairings tailored to each research objective, with immediate project initiation and average four-week delivery from design to data.

Bio X Cell Ready-to-Ship Multispecific Antibody Advantages

Research Advantages At-a-Glance

- ✓ **Translationally aligned constructs** modeled after known therapeutic antibodies
- ✓ **Mouse and human multispecific options** to support pathway exploration across systems
- ✓ **Ready-to-ship availability** to accelerate study start and reduce evaluation cycles

Featured Bispecific and Trispecific Antibodies

Target Combination	Reference	Species	Applications
PD-L1 × TIGIT × LAG3	Featured Trispecific Antibody	Mouse	Studying combinatorial checkpoint biology and multi-target immune modulation in standard mouse models.
CD3 × CD20	Epcoritamab	Mouse	Investigating dual B-cell targeting and T-cell engagement in syngeneic lymphoma models.
PD-1 × VEGF	Ivonescimab	Mouse	Modeling immune checkpoint and angiogenic pathway interplay in mouse tumor studies.
CD3 × BCMA	Teclistamab	Human	Preclinical modeling of bispecific T-cell engager activity in multiple myeloma.
CD3 × GPRC5D	Talquetamab	Human	Evaluating dual-targeting strategies for resistant myeloma and T-cell redirection.
EGFR × MET	Amivantamab	Human	Studying receptor crosstalk, ligand competition, and resistance mechanism in epithelial tumors.

See all ready-to-ship in vivo optimized multispecific antibodies at [bioxcell.com](https://www.bioxcell.com)

Applications of Bio X Cell Multispecific Antibodies

- ✓ Multi-target engagement and T-cell redirection studies
- ✓ Receptor crosstalk and pathway interaction modeling
- ✓ Evaluation of resistant or relapsed disease mechanisms
- ✓ Mouse and humanized model benchmarking
- ✓ Tumor microenvironment and checkpoint modulation
- ✓ Immune–tumor pathway interaction studies

Custom Multispecific Solutions for Complex Research Questions



- ✓ **Tailored multispecific constructs** designed for complex mechanistic translational studies
- ✓ **Immediate start upon material receipt** with no queue or outsourcing bottlenecks
- ✓ **U.S.-based recombinant production** for reproducible output and supply continuity
- ✓ **Scalable output** from milligram discovery quantities to gram-scale preclinical batches
- ✓ **Custom projects average 4-6 week turnaround** keeping studies on schedule



The Original *In Vivo* Antibody Platform Since 1997

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