LAMPIRE
BIOLOGICAL LABORATORIES

BOVINE

BCELL APPROACH

LAMPIRE BIOLOGICAL LABORATORIES

Your In Vivo
CRO LEADERS

BOVINE BCELL APPROACH: ADVANCING ANTIBODY TECHNOLOGIES

Explore the forefront of antibody research featuring Bovine Bcell development. Aligned with our commitment to scientific advancement, we introduce an opportunity to investigate Bovine Picobodies, incorporating "Single Bcell Sorting" and Directed Sequencing of ultralong-CDR3s.

What sets Bovine Picobodies apart?

These binding domains, sourced exclusively from Bovines, exhibit compactness and stability. With a small size ranging from 3 to 5 kiloDaltons (kDa), they mark an advancement in antibody technology. Derived from a specialized subset of Bovine ultralong-CDR3-containing antibodies, Picobodies offer potential for targeted therapy development.

Numerous possibilities

While in the nascent stages of preclinical development, picobody-derived recombinant antibodies, such as "knobbodies" and bispecific antibodies, have showcased efficacy in binding viral and cancer target epitopes. This heralds a new era of precision medicine, where previously inaccessible targets become attainable.

Join us at the forefront of antibody innovation with LAMPIRE's Bovine Bcell technology. Explore the potential of Picobodies. Contact us today (215) 795-2838 / sales@lampire.com for more information, or a free technical consultation.

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