

Creative Biolabs Updates All-inclusive Immune Checkpoint Antibody Services to Support Tumor Therapeutic Development

With evolutionary knowledge and technology in immune checkpoint research, Creative Biolabs has optimized the portfolio of immune checkpoint antibody development services.

New York City, New York Nov 15, 2021 ([Issuewire.com](https://www.issuewire.com)) - Since scientists found that checkpoint receptors play a key role in regulating the immune response against tumors, they have been emerging as powerful targets in cancer immunotherapy as research has proved that the enhancement of the patient's immune response can be achieved by using therapeutic antibodies to either block inhibitory checkpoints (e.g. [immune checkpoint CTLA-4](#) and PD-1/PD-L1) that limit the anti-tumor immune response or activate stimulatory checkpoints that enhance immune responses.

With years of experience and hundreds of customer-satisfied projects, Creative Biolabs has updated the portfolio of [immune checkpoint antibody development](#) services, which includes polyclonal antibody discovery and development, monoclonal antibody (mAb) discovery and development, antibody fragment discovery and development, antibody characterization, antibody engineering and optimization, antibody production, and manufacture. The updated feature services are listed below.

- **Immune Checkpoint Polyclonal Antibody Discovery and Development**

Polyclonal antibody therapy is known as a targeted machine gun approach, providing polyvalent interactions permitting the application of therapeutic strategies against multiple immune checkpoints and targets. Creative Biolabs has established cutting-edge polyclonal antibody production platforms covering mammals (such as a mouse, rat, guinea pig, rabbit, sheep), laying hen, and camelids, and the immune checkpoint polyclonal antibody discovery and development services can be highly customized according to the specific needs of clients.

- **Engineering and Optimization of Immune Checkpoint Antibody**

Modern molecular biology techniques allow interested antibodies to be engineered for different purposes. As an ideal partner for clients' immune checkpoint antibody engineering and optimization projects, Creative Biolabs takes advantage of many strategies to design the expected immune checkpoint antibody, providing quality checkpoint antibody conjugation, [immune checkpoint antibody humanization](#), immune checkpoint antibody Fc domain optimization, and multispecific and multifunctional immune checkpoint antibody development services.

- **Production and Manufacture of Immune Checkpoint Antibody**

The team of experts at Creative Biolabs is especially skillful in immune checkpoint antibody production and manufacture, which is comprised of both production and purification of multi-isotypes antibodies. The Drivers Production Systems at Creative Biolabs is capable of facilitating immune checkpoint antibody research based on bacteria, mammalian cells, yeast, insect cell, plant, and cell-free production systems.

More information about immune checkpoint-related services at Creative Biolabs can be found at <https://immune-checkpoint.creative-biolabs.com/>.

About Creative Biolabs

Equipped with advanced technology platforms and professional staff, Creative Biolabs is always dedicated to assisting worldwide clients with the most satisfactory immune checkpoint research development services, ranging from antibody discovery to preclinical studies. Featured services cover monoclonal antibody development, phage display antibody library construction and screening, antibody humanization, antibody production, and bispecific antibody development.

Media Contact

Candy Swift

marketing@creative-biolabs.com

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