proteintech®

Recombinant Antibodies for Flow Cytometry

Proteintech offers a wide selection of recombinant primary antibodies validated in and optimized for flow cytometry from CD markers to anti-cytokine antibodies and intracellular targets.

WHY USE RECOMBINANT ANTIBODIES?

Consistent performance

Using expression vectors to produce recombinant antibodies minimizes the risk of genetic drift, thereby ensuring high lot-to-lot consistency and reproducibility of experimental data.

Continuous supply

The use of recombinant technology allows recombinant antibodies to be regenerated any time and at any desired scale, making them ideal for long-term and large-scale projects.

PBS-only formulation

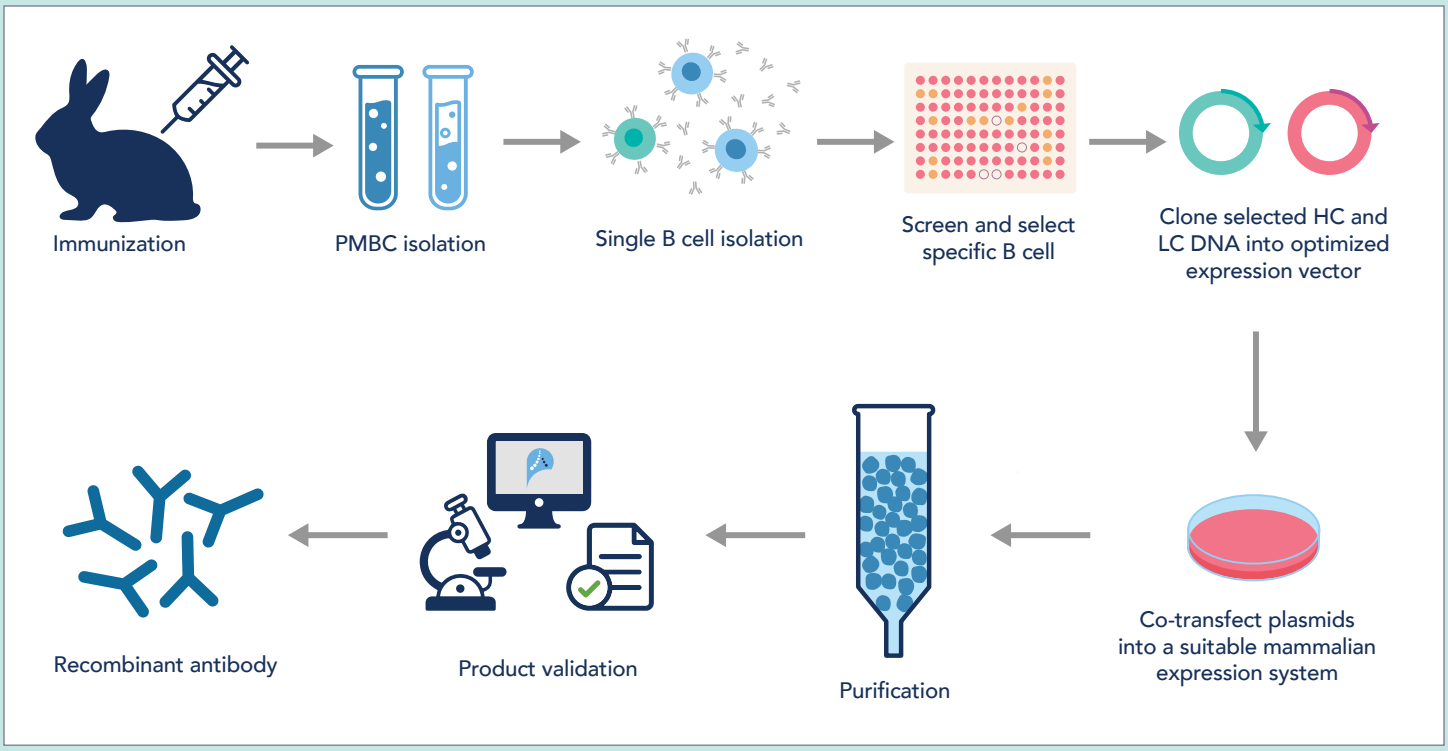
A selection of unconjugated antibodies are available in PBS only for scientists looking to do assay development. Bulk sizes and pricing available upon request.

Rigorous validation

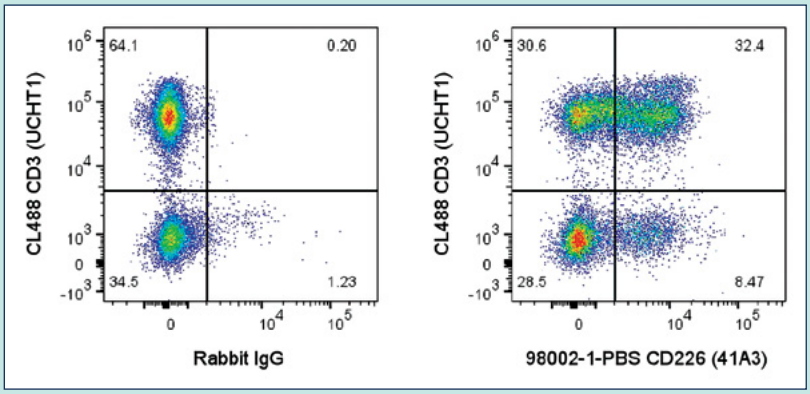
Each antibody is rigorously validated during every step of the development process to ensure its optimal performance.

From our bench to your bench

ptglab.com

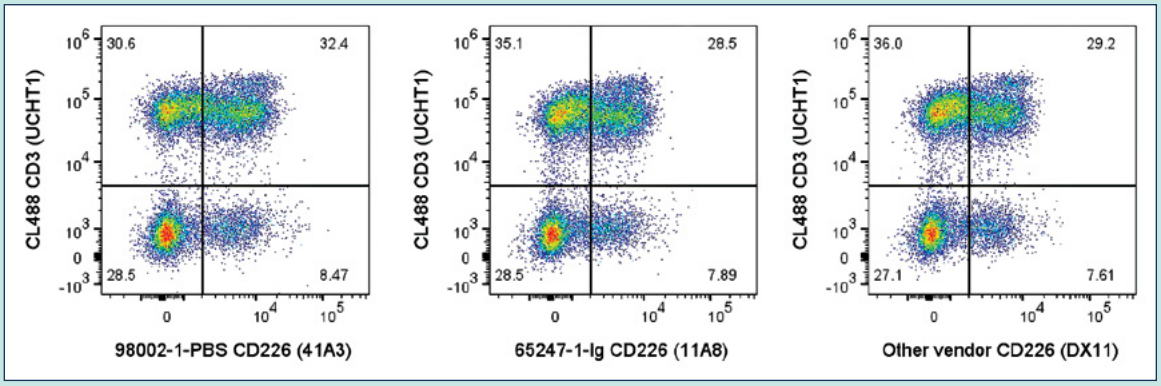


▲ *Production Process for Recombinant Primary Antibodies at Proteintech*



1X10⁶ human PBMCs were surface stained with 0.2 μg Anti-Human CD226 Rabbit Recombinant Antibody (98002-1-RR, Clone:41A3) or Rabbit IgG control Rabbit PolyAb and CoraLite®647-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000. Cells were then stained with CL488 Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.

▲ *Validation data details sample type, activation, fixation, amount of antibody used, and gating.*



Antibody performance is compared to a gold-standard monoclonal antibody for flow cytometry, as well as one or more competitor products.

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