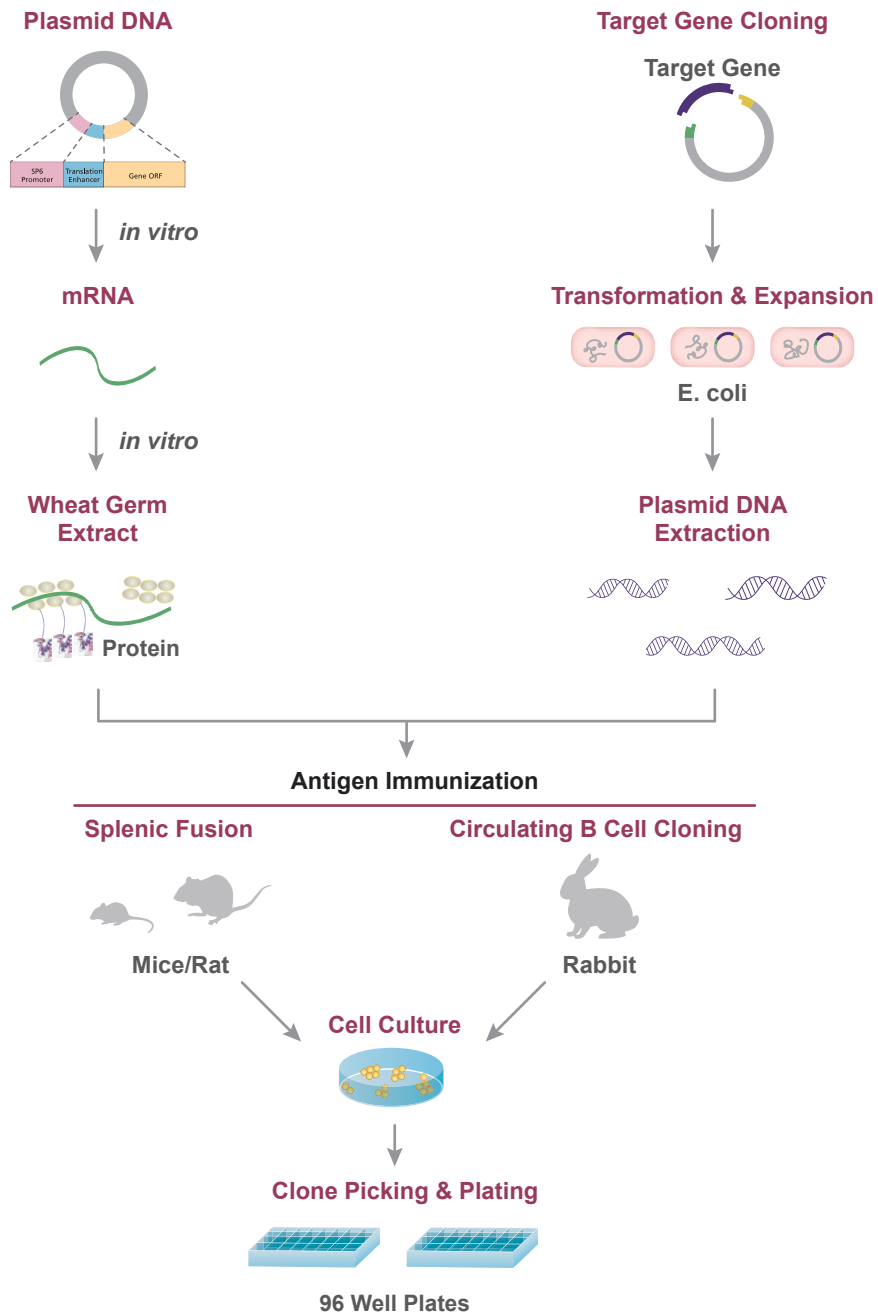


Custom Service for Monoclonal Antibody Production

Abnova offers monoclonal antibody (Mab) development in mice, rats and rabbits, with guaranteed success based on standard endpoints or customer's specific applications. Our high rate of success, short turn-around time and affordable cost are due to our proprietary hybridoma technology, state-of-the-art, specific pathogen free (SPF) facility, extensive experience in antibody production for over 10,000 gene targets, and flexibility to suit our customer's needs.



CFS Wheat Germ Expression Advantages

- High solubility
- High yield
- High success rate
- Automated expression and purification
- Native protein conformation

DNAX™ Immune Advantages

- Obviate protein antigen for immunization & screening
- Suitable for membrane protein & difficult antigen
- Simple antigen sequence manipulation & mutagenesis
- Rapid turn-around time for polyclonal and monoclonal
- Functional antibody recognizing native antigen

Services Items		Standard Package	
Phase I	Payment 1	(USD/EUR) Non-refundable startup fee	Quote
	Antigen Preparation	Customer-supplied antigen (protein)* Please quote if the customer requires antigen prepared by Abnova**	NA
		Customer-supplied antigen (peptide)* Please quote if the customer requires antigen prepared by Abnova**	
		Customer-supplied antigen (DNA) * Please quote if the customer requires antigen prepared by Abnova **	
Immunization	Number of mice,rats, and rabbits immunized will be specified by the customer	V	
Phase II	Fusion vs Circulating B Cell Cloning & Antibody Screening	Fusion stage: select one animal with better titer	V
		Rabbit immunization and circulating B cloning (CBC)	V
		ELISA screen up to 384x2 hybridoma clones per fusion mouse	V
		Stabilization of up to 20 positive clones	V
		Any mice / rats /rabbits that shows a customer's required titer will be used to create ELISA positive monoclonal antibodies	V
	Final Deliverables	ELISA data and up to 10 clones of ELISA-positive hybridoma clones*** and culture supernatants (3ml/clone).	V
	Payment 2	(USD/EUR) Non-refundable	Quote (per mouse hybridoma project)
Lead time	(Week)	22-24 weeks (exclude antigen preparation)	
Total Price	(USD/EUR)	Quote	

***Antigen Requirement (provided by customer):**

- Protein Immunization: 500µg for two mice
- Peptide Immunization: Conjugated-peptide (1mg) for immunization and Free-peptide (0.5mg) for screening step
- DNA Immunization: plasmid containing DNA target-of-interest

****Immunogen Provided by Abnova:**

- Purified recombinant protein: please tell us the gene ID or UniProt
- Peptide and Phosphopeptide: please refer to peptide synthesis service
- DNA: additional fee will be charged by Abnova
- Abnova may obtain from a source subject to customer's approval, and invoice the cost to the customer

Lead time: 1~1.5 month

*****Cell Line Storage (3 vials/cell line/year) - Quote**