

Custom Service for Monoclonal Antibody Production

Abnova understands the importance of monoclonal antibody for your research. We offer monoclonal antibody (mAb) development in mice, with guaranteed success based on standard endpoints or customer's specific applications. Our high rate of success, short turn-around time and affordability and is due to our hybridoma technology state-of-the-art mouse facility, extensive experience in antibody production for over 4,000 gene targets, and flexibility to suit our customer's needs.

CRE: Absoat Gene Expression Overview¹

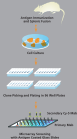


Advantages

- 1 High Reliability
- 2 High Yield
- 3 High Success Rate
- 4 Automated Expression and Purification
- 5 Native Protein Conformation

¹Wade, James from CRE: activation of GFP in Absoat cells. www.abnova.com
 GeneScript Expression[®] Handbook, Code #1 available under special order for high throughput production. This manual is for USA. 2016 Rev. 12-PAGE-168-007

Monoclonal Antibody Production Overview²



Advantages

- 1 Multiple Antigen Immunization
- 2 Robotic Microspline Isolation
- 3 Multiple Antigen Monoclonal Screening
- 4 Clone Delivery in 12 Weeks
- 5 Ideal for Phospho-specific Antibody Production

²Wade, James from MAb: activation of European Hybridoma Cell Line Inventory. www.abnova.com
 GenScript i-Query[®] Hybridoma Mouse to Rabbit & Mouse IgG Assay Kit High Throughput production of mouse monoclonal antibodies using antigen-immobilized Proteinase K-coated 96-well plates

Custom Mab Services		Standard Package	Extra Package			Special Package		
Phase I	Payment 1	(\$,000 Non-refundable start-up fee)	\$0.000	\$4,500	\$2,000	\$2,000	\$4,500	None
	Antigen Preparation	Customer supplies antigen protein? Please quote if the customer requires antigen preparation by Abnova**	Y	Y	Y	Y	Y	Y
	Antigen Preparation	Customer supplies antigen protein? Please quote if the customer requires antigen preparation by Abnova**	Y	Y	Y	Y	Y	Y
Immuneization	Number of mice immunized will be specified by the customer							Y
Phase II	Fusion & Screening	Immunization of mice and hybridoma fusion	Y	Y	Y	Y	Y	Y
		ELISA screening to 1000 hybridoma clones	Y	Y	Y	Y	Y	Y
		Production (1mg) of positive clones	Y	Y	Y	Y	Y	Y
		Any successful clones a customer requested (see all successful clones ELISA positive monoclonal antibodies)						
	Delivery	ELISA selected up to 20 clones of ELISA positive culture supernatants sent to customer for testing	Y					
	Full scale (1000 clones) fusion or customer specific fusion & ELISA data sent up to 20 clones of 1000 positive culture supernatants sent to customer for testing***		Y				Y	
	100 clones (customer specific request) full scale assay or 10 clones (self) positive culture supernatants sent to customer for testing***			Y			Y	
	If any (customer specific fusion) & ELISA data sent up to 10 clones of positive culture supernatants sent to customer for testing***				Y	Y		
	The ELISA positive monoclonals will be delivered to customer in the form of 200ul vials/bottles							Y
Payment 2	(\$,000 Non-refundable)	\$0.000	\$3,500	\$2,100	\$2,100	\$3,500	None (see notes below)	
Lead time	(3-4W)	0-1.0	1.0-1.0	0.0-0.0	0.0-0.0	0.0-0.0		
Phase III	Customer's testing	Customer without the supernatants or specific applications to determine the number of positive monoclonals	Y	Y	Y	Y	Y	
		Customer without the purified IgG or specific applications to determine the number of positive monoclonals						Y
Phase IV	Hybridoma Delivery	Customer will request hybridomas deemed suitable for customer's needs (cell lines: 1-10 hybridomas clones)****	Y	Y	Y	Y	Y	
		Customer will request hybridomas deemed suitable for customer's needs (cell lines: Abnova or self hybridomas)****						Y
Payment 3	(\$,000 Payment fee only paid upon hybridoma delivery)	\$0.000	\$3,000	\$2,000	\$3,000	\$4,000	Customer's hybridoma testing at specific	
Total Price		(\$,000)	\$0.000	\$6,500	\$7,000	\$7,000	\$8,500	

*Antigen Requirement (provided by customer):

(i) Protein/immunization 0.1-0.5mg

(ii) Peptide immunization:

Conjugated peptide (100ug/ml) immunization and

Free Peptide (500ug) for screening/assay

**Immunezen (Provided by Abnova)

(i) Purified/immobilized protein: additional \$800.000 service fee will be charged by Abnova. Setup fee \$400, or

(ii) Peptide: additional \$800.000 service fee will be charged by Abnova. Setup fee \$1,000, or

(iii) Abnova-synthesized from a source subject to customer's approval, and involve the cost of the customer.

Lead time: 1-1.0 month

***Overexpression levels, customer specific fusion or fusion and/or production of antibodies by Abnova. Fees are included in Payment 3.

****Cell Line Storage (2 vials/bottle/line/year) - \$50

The above list prices for the direct order from North America and Latin Pacific regions ONLY.