


# Monoclonal Antibody Production

## Monoclonal Antibody Production and Services

	Package I		Package II		Individual Services
	Pkg. I A \$5,500	Pkg. I B \$6,050	Pkg. II A \$6,050	Pkg. II B \$6,600	
 <b>Peptide Synthesis</b> * Up to 15 residues for pkgs. IIA, IIB * Up to 20 residues for custom pkg. * Allow 2 weeks			✓	✓	\$20/residue
<b>Conjugation</b> * To carrier protein (KLH or BSA) * Allow 1 week			✓	✓	\$250
<b>Phase I</b> * Immunization of 5 balb/c mice * Each tested for Ab titer by ELISA * Allow 4 to 12 weeks	✓	✓	✓	✓	\$1,400
<b>Phase II</b> * Fusion * Screening by ELISA * Allow 2 to 3 weeks	✓	✓	✓	✓	\$2,300
<b>Phase III</b> * Positive wells selected for subcloning * Allow 4 to 6 weeks	✓	✓	✓	✓	\$2,300
<b>Screening of Positive Wells</b> * Researcher screens cultured supernatants					
1-20 positive wells					\$1,000
21-40 positive wells					\$1,900
41-60 positive wells					\$2,700
61-80 positive wells					\$3,400
81-100 positive wells					\$4,000
<b>Additional Clones</b>					
1-3 clones					\$700/clone
4-6 clones					\$650/clone
7-10 clones					\$600/clone
<b>Ascites Production</b> * 5 mice * Allow 4 to 6 weeks		✓		✓	\$400
<b>Antibody Purification</b> * = 10 mg of purified antibody * Allow 1 week		✓		✓	\$350
<b>Western Blot Analysis</b> * Screening of 14 ProSci lysates					\$200
<b>Immunohistochemistry</b> * Screening of a single ProSci group					\$200

### Antigen Requirement for Pkg. I A and I B

#### I. Coniugated Peptide

4 mg free peptide  
2 mg peptide conjugate

#### II. Recombinant Protein

5 mg protein

#### III. Other Haptins

2 mg primary conjugate (immunization)  
4 mg secondary conjugate (testing)

### Ascites Requirements

2 vials from the same hybridoma culture/batch at 10<sup>6</sup> cells per vial. 1 vial for mycoplasma testing & 1 vial for Ascites

### Notes:

- \* A guarantee of 3 positive clones to the antigen
- \* Hybridomas with 5 x 10<sup>6</sup> cells of each clone will be provided
- \* The cell lines will not have any organism contamination
- \* The supernatant of cell culture with at least 3-5 x 10<sup>5</sup> cell density for 72 hours is collected and tested, the antibody titer will be at least 10 times higher than the negative control
- \* Researchers have the option of screening the cultured supernatants from up to 100 positive wells. While ProSci guarantees 3 positive clones against the antigen, additional positive clones are available.