



## Molecular Resource Facility

<http://njms.umdnj.edu/research/mfrweb/index.htm>

### Request for Custom Monoclonal Antibody Production (Hybridoma Fusion)

NAME: \_\_\_\_\_ E-mail: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE: \_\_\_\_\_ Index or PO #: \_\_\_\_\_

Description _____
Antigen name: _____ Protein conc.: _____ Total volume: _____ Dosage: _____
Antigen is a: <input type="checkbox"/> Complex mixture (please describe) _____
<input type="checkbox"/> Purified cellular component of M.W. _____
<input type="checkbox"/> Recombinant fusion protein of M.W. _____
Vector: _____ Method of purification: _____
<input type="checkbox"/> Peptide conjugated to: _____ Concentration: _____ Volume: _____
<input type="checkbox"/> Free peptide, Concentration: _____ Volume: _____
<input type="checkbox"/> Alternate conjugate to: _____ Concentration: _____ Volume: _____
<input type="checkbox"/> Ascites Production (preexisting hybridoma) _____
<input type="checkbox"/> Antibody Purification _____
<input type="checkbox"/> Other (please describe) _____
A typical immunization needs 20-40 ug of a pure antigen, or 100-200ug of a complex mixture, per injection per mouse, administered alternately intraperitoneally (IP) and subcutaneously to 2 mice. Please indicate if you have specific choices regarding dosage, routes of injection, and scheduling.

Please indicate services being requested:

Immunizations, fusion and subcloning of up to 10 positive wells  ELISA screen

**Price Structure:** Immunize 2-3 mice, test bleeds, fusion, generate hybridoma containing wells, clone 10 positive lines, grow positive clones to 3 ml, freeze 2 vials each, and provide 3 ml of supernatant.

Charges for Immunization and ELISA development: \$1250

1. Charges for fusion & Screening: \$1500
2. Charges for cloning & selection of subclones: \$1000
3. Total cost for complete project (includes 1, 2 and 3 above): \$ 3750\*
4. Ascites Production: \$100/mouse
5. Antigen design, Peptide synthesis and conjugation: Please inquire.

\*Prepayment of \$1500 is required

**Please complete and return to:** Molecular Resource Facility  
Fax: 973-972-2566  
E-mail: mrfadm@umdnj.edu