



Monoclonal antibody development

Please fill out this form as a prerequisite for planning and specifying the major steps of the respective project.

It will also be used as the basic for quotation and further discussion of project details.

All information provided will be treated strictly confidential. A secrecy agreement can be signed.

CLIENT

Company/Institution name: _____

Contact person: _____

Address: _____

Phone: _____

Fax: _____

Email: _____

Date: _____

1. ANTIGEN - PROTEIN

Name: _____

Characterisation: _____

Protein family: _____

Protein function: _____

Origin of protein: _____

Bacterium Virus Plant Animal Other

Kind of animal/virus/bacterium/plant: _____

From which tissue was the protein isolated? _____

Please specify the tissue: _____

intracellular extracellular
 serum protein membrane protein

Expression system of protein: _____

prokaryotic eukaryotic
 Protein extract recombinantly expressed

Please specify the recombinantly expressed protein: _____

Fusion protein

Fusion partner: _____

His-Tag GST-Tag

Sequence of the tag: _____

Partner protein, which was used for fusion: _____

Molecular weight (in kDa) of the fusion partner: _____

Molecular weight (in kDa) of the protein: _____

Purity: _____

Is the protein:

native

denatured

Protein is available in buffer:

soluble

precipitated

Concentration:

Volume:

Buffer content:

Protein is lyophilised:

Amount:

Lyophilised from which buffer?

Lyophilised from which volume?

To be reconstituted in which buffer?

Preservative

If yes, which?

Storage conditions:

4° C

-20° C

-80° C

If information about **stability** during longterm storage is available, please specify:

Homology :

to mouse

Degree of Homology:

Toxicity known?

Consequences of toxicity for cells?

Are monoclonal or polyclonal antibodies against the above mentioned antibody commercially available?

Specifications, publications and/or details regarding to the development of commercially available monoclonal or polyclonal antibodies against the above mentioned antibody:

2. ANTIBODY (DEVELOPMENT)

Development in:

Mouse

Should cross reactivities be included or excluded?

yes

no

Kind of selection:

positive selection

negative selection

cross-reactivity test for characterisation only

Are cross reactants available?

yes

no

Are cross reactants commercially available? Source?

Information about cross reactant:

Name:

Purity:

Molecular weight:

Available in buffer:

soluble

precipitated

Concentration:

Volume:

Buffer content:

Cross reactant is lyophilised:

Amount:

Lyophilised from which buffer?

Lyophilised from which volume?

To be reconstituted in which buffer?

Preservative

If yes, which?

Storage conditions:

4° C

-20° C

-80° C

If information about **stability** during longterm storage available, please specify:

3. ANTIBODIES TO BE USED IN

Westernblot

yes

no

ELISA

yes

no

Immunohistochemistry

yes

no

Immunofluorescence assay (IFA)

yes

no

Immunoassay development

yes

no

Other:

Preparation of cell culture supernatant for testing:

Preservative:

NaN₃

Thimerosal

ProClin

no preservative

0.2µm filtrated

not filtrated

4. FUTURE PLANS WITH MABS AT BIOGENES

Modification:

yes

no

If yes, which kind?

Production: yes no

Pair search (capture/detector): yes no

Immunoassay development: yes no

If yes, which kind?

Storage of cryo cultures at BioGenes:

yes no

If yes, with taking care without taking care

5. ADDITIONAL INFORMATION
