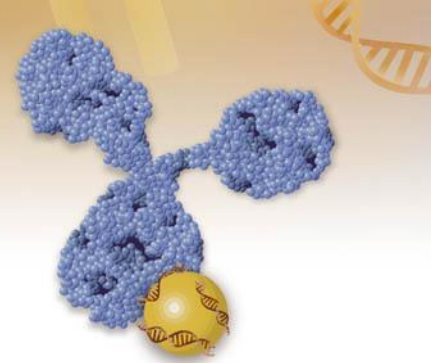


# Custom Antibody Services



Feasibility study	
Free analysis of your target	<a href="https://ssl.kundenserver.de/ssl.genovac.com/questionnaire.php">https://ssl.kundenserver.de/ssl.genovac.com/questionnaire.php</a>

Synthetic genes	
Sequence optimization and gene synthesis <sup>1</sup>	€ 0.49/bp

Peptide synthesis	
5 mg HPLC purified peptides (90-95% purity) <sup>2</sup>	€ 30/aa
Conjugation to KLH or OVA	€ 75/mg

Polyclonal Packages (mouse, guinea-pig, rabbit, rat) <sup>3</sup>	
Protein immunization	€ 1,050
Peptide immunization <sup>4</sup>	€ 1,725
BASIC genetic immunization <sup>5</sup>	€ 1,725
OPTIMISED genetic immunization	€ 3,675

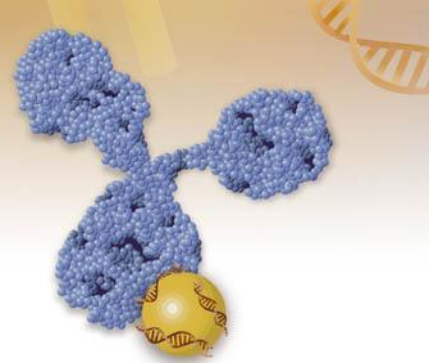
Monoclonal Packages (mouse, rat)	
Protein immunization	€ 10,300
Peptide immunization <sup>4</sup>	€ 10,975
OPTIMISED genetic immunization	€ 13,125
OPTIMISED genetic immunization for multiple, membrane-spanning proteins <sup>6</sup>	€ 13,125 & success fee

## ACADEMICS PLEASE ENQUIRE FOR SPECIAL CONDITIONS.

- 1 - Gene synthesis for standard genes up to 3,000 bp. Minimum charge for 1-390 bp is 190 €.
- 2 - Peptides longer than 30 amino acids: +10%. Please inquire for modified peptides.
- 3 - All polyclonal packages include a standard immunization protocol and a serum test (except for BASIC). OPTIMISED package including re-cloning, expression control, immunization, and serum test. Guinea-pigs are not available for BASIC and OPTIMISED.
- 4 - Including 15 amino acid peptide synthesis and conjugation to KLH and OVA. Additional amino acids are charged extra.
- 5 - BASIC: a mammalian expression vector with a strong eukaryotic promoter is needed. Only recommended for sequences including a leader sequence.
- 6 - Success fee (7,500 €) payable upon customer's approval based on supernatant testing in customer's assay.

Prices for genetic immunization are valid if the supplied cDNA sequence is 100% identical to the cDNA template in accordance with a guarantee from the customer in this regard. Additional costs due to sequence differences will be charged separately.

For security reasons, the prices include free storage of the hybridomas / immunization construct for up to 3 months after delivery of the antisera / hybridomas to the customer.



### Milestones

For each antibody project, we define different quality control milestones. In case of negativity, the projects can be stopped after the unsuccessful milestone to minimize unnecessary costs for the customer:

#### ***Polyclonal antibodies***

Milestone 1: Expression control of the recloned DNA construct or peptide synthesis and conjugation

Milestone 2: Immunization of 2 rabbits or 2 guinea-pigs or 5 rats or 5 mice and serum test, if applicable

#### ***Monoclonal antibodies***

Milestone 1: Expression control of the recloned DNA construct or peptide synthesis and conjugation

Milestone 2: Immunization of 3 rats or 3 mice and serum test

Milestone 3: Fusion and selection

Milestone 4: Subcloning

### Delivery

Postage and handling extra, flat rate for each delivery within Germany 40 €, within Central Europe 70 €, to Northern/Southern Europe 100 €, to North America 160 €. For each delivery to ROW at actuals.

Pre-immune serum from each animal.

200 µl antiserum per mouse.

2-4 ml antiserum per rat.

5-10 ml antiserum per guinea-pig.

60-80 ml antiserum per rabbit.

Remaining peptide or protein, if applicable.

Five ml supernatant from each positive hybridoma clone and subclones from up to three hybridoma cell lines.

For GPCR and other multiple, membrane-spanning proteins: delivery of the clones upon customer's confirmation of success.

### Options

Subcloning of one additional hybridoma (50% payment if unsuccessful).

999 €

Storage of one hybridoma in liquid nitrogen.

135 € / year

Purification of monoclonal antibodies from hybridoma supernatants

see separate price list

Sequencing of the complete variable regions (VH and VL) from each hybridoma

please inquire

### Payment

All prices in EUR excluding taxes and EXW (ex works) INCOTERMS 2000.

All payments due within 14 days of the invoice issue date without deductions.

### Terms and Condition of Sale

The Terms and Conditions of Sale 2004 of GENOVAC GmbH apply exclusively.