Biomatik
Tel: (519) 489-7195, (800) 836-8089
Fax: (519) 231-0140, (877) 221-3515
Email: info@biomatik.com
http://www.biomatik.com

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Custom Polyclonal Antibody Service Packages

Risk-free Guarantee: No Antibody, No Charge!

Biomatik has been proudly serving 20,000+ scientists since 2002. In addition to our catalog products, Biomatik has delivered 72,000+ custom made products to our researchers worldwide. Please view our 5-Star Google Review, Selected Citations and 6,000+ publications citing our fine products at Google Scholar.

Custom Polyclonal Antibody Package	Service Contents	Deliverables	Guarantee /EDT /U$
#SA0033, ELISA Guaranteed Peptide pAb Package (From peptide synthesis to affinity purification) **Antigen:** Peptide synthesized by Biomatik	1) Peptide synthesis and KLH conjugation 2) Standard immunization with 2 rabbits 3) ELISA identification 4) Peptide antigen affinity purification	**3-5mg antibody** Immune serum, 0.5ml/rabbit Pre-immune serum, 0.5ml/rabbit 5mg peptide, >85% Project report with ELISA data	**Quality Guarantee:** ELISA titer >1:256,000 Estimated Time: 3-4 months
#SA0033-M0, ELISA Guaranteed Peptide pAb Package (From peptide synthesis to anti-serum) **Antigen:** Peptide synthesized by Biomatik	1) Peptide synthesis and KLH conjugation 2) Standard immunization with 2 rabbits 3) ELISA identification.	**60-80ml anti-serum** Pre-immune serum, 0.5ml/rabbit 5mg peptide, >85% Project report with ELISA data	**Quality Guarantee:** ELISA titer >1:128,000 Estimated Time: 3-4 months
#SA0035, ELISA Guaranteed Phospho Peptide pAb Package (From phospho peptide synthesis to affinity purification) **Antigen:** Phospho peptide (single site) synthesized by Biomatik	1) Phospho peptide synthesis & KLH conjugation 2) Standard immunization with 2 rabbits 3) ELISA and Dot Blot identification 4) Peptide antigen affinity purification	**2-5mg phospho antibody** **3-5mg non-phospho antibody** Immune serum, 0.5ml/rabbit Pre-immune serum, 0.5ml/rabbit 2-3mg phospho peptide, >85% 5mg non-phospho peptide, >85% Project report with ELISA & DB data	**Quality Guarantee:** ELISA titer >1:256,000 No cross-reactivity on DB Estimated Time: 3-4 months
#SA0031, WB Guaranteed Protein pAb Package (From protein antigen to protein A/G purification) **Antigen:** 10mg protein, >90%, customer to supply **Customer to supply 3-5mg protein, >90%, in lyophilized powder or neutral buffer ≥1mg/ml.*	1) Protein identification by SDS-PAGE 2) Standard immunization with 2 rabbits 3) ELISA identification 4) Protein A/G purification	**15-25mg antibody** Immune serum, 0.5ml/rabbit Pre-immune serum, 0.5ml/rabbit Project report with ELISA data	**Quality Guarantee:** WB positive (for target antigen) ELISA titer >1:256,000 Estimated Time: 3 months
#SA0050, WB Guaranteed Protein pAb Package (From protein production to affinity purification) **Antigen:** Protein produced by Biomatik	1) Gene synthesis & sub-cloning 2) Protein expression & purification **5mg protein (>90%) from E. coli* 3) Standard immunization with 2 rabbits 4) ELISA identification 5) Protein antigen affinity purification.	**3-5mg antibody** 0.1mg protein (from *E. coli*), >90% Project report with WB & ELISA data	**Quality Guarantee:** WB positive (for target antigen) ELISA >1:128,000 Estimated Time: 4-5 months

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Custom Polyclonal Production Service Package Notes:

- Risk-free Guarantee: No Antibody, No Charge!
- All our pAb packages are risk-free guaranteed: If project fails or the generated antibody does not meet our quality guarantee as indicated above, the customer receives NO charge.
- For package #SA0033, mixed immunization can be requested with 2 or 3 peptide mix. Peptide specific antibodies (specific to each peptide) will be separated and purified through peptide affinity purification columns. Mixed immunization is not recommended due to the concern of competition between peptide antigens in immunization.
- For package #SA0031, protein affinity antigen purification can be requested instead of protein A/G purification. An additional 10mg protein is required.
- Package #SA0033 & #SA0035 cover cost for peptide synthesis up to 22aa. An additional charge applies to longer peptide synthesis.
- Other than phospho peptide antibody package #SA0035, there are formyl/methyl/cyclic/acetylated peptide antibody packages available. Please inquire.
- Antibody will be produced and delivered separately from each rabbit. Other animals are available – please inquire.
- Anti-serum can be requested instead of the purified antibody for some packages. 60-80ml anti-serum will be delivered from 2 rabbits, with ELISA guarantee >1:128,000.
- Standard 70-day immunization protocol applies to all packages by default. 49-day express protocol can be requested at no extra cost.

Customer Testimonials

“Biomatik generated several primary antibodies for me over the past 8 years. All antibodies worked beautifully in WB and IH or IF. I'm extremely pleased with their outstanding service, work ethics and professionalism. The production of the AB was always on time and delivered within the estimated period of time provided in their quote. I will definitely go back to them whenever I need to generate a clean, specific, and working antibody.”
Hassane Amlal, Ph.D., Professor, Department of Internal Medicine
University of Cincinnati, Cincinnati, Ohio, USA

"We placed an order for polyclonal antibody production from synthesized peptides and received materials when promised. The supplied antibodies generated strong, specific signals so we were able to quickly and reliably use within our existing experimental protocols. An excellent experience"
Professor O'Tousa, Department of Biological Sciences
University of Notre Dame, Notre Dame, IN, USA

"We are very satisfied with the polypeptide antibodies you produced for us. They work great for both WB and immunostaining (so far we tested). They are very strong and specific (for WB, I can use at 1:5k-10k dilution). Previously we had bad experience with peptide antibodies from other companies. This is the first time we have nice peptide antibodies. In addition, I like your service and time frame. Also your price is reasonable. I think I will continue use your service in the future. Thank you very much."
Dr. Han, Senior Research Associate, Dept. of Biology

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McGill University, Montreal, Quebec, Canada

"We have thus far ordered peptide antibodies from Biomatik two times. We have found the people from Biomatik to be very competent, reliable and friendly and highly recommend their service."
Dr. Grusche, Peter MacCallum Cancer Centre
East Melbourne, Australia

"Hope this email finds you well. This is Xuesong Zhao at Harvard Medical School. I have used your company antibody service early this year and the experience is excellent. Now we found another interesting gene and thinking about generating an antibody again"
Dr. Zhao, Department of Neurobiology, Harvard Medical School
Dana Farber Cancer Institute, Boston, MA, USA

"We got the antibody and it appears to work very well! I'm very happy with it, I'm sure we'll contact you for any future antibodies we need made."
Dr. Keeney, Jim Sikela/Diego Restrepo laboratories, Neuroscience Program
University of Colorado Anschutz Medical Campus, Aurora, CO, USA

Polyclonal Antibody Production Protocol

Antigen Preparation

- Protein antigen: Either supplied by the customer or produced by Biomatik. 10 mg protein is required, >90%.
- Peptide antigen: Produced by Biomatik.

Phase 1: Immunization

Animals: 2 Rabbits. Please inquire if different animals are required.
Comment: Choose between our Standard protocol and Express Protocol. If it is not in rush, please go with the standard protocol to ensure high quality antibody generation.

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Option #1: Standard Immunization Protocol (70 days)

Date	Process
Day0	500ul pre-immune sera and 1st - immunization with CFA
Day14	2nd - immunization with CFA
Day28	3rd - immunization with IFA
Day35	4th - immunization with IFA
Day42	Serum collected for ELISA test and 5th - immunization with IFA
Day49	6th - immunization with IFA
Day56	7th - immunization with IFA
Day63	8th - immunization with IFA
Day70	Animals sacrificed and bleed selected

Comment: Once serum titer reaches 1:8,000 dilution, proceed with serum collection and purification.

Option #2: Express Immunization Protocol (49 days)

1st Boost	2nd	3rd	4th	5th	6th **(Elisa)**	7th	8th	Final Bleed
Day 0	Day 14	Day 21	Day 28	Day 32	Day 35	Day 39	Day 42	Day 49

*ELISA titer from the Express Protocol is typically 10% lower than the one from the Standard Immunization Protocol.

Phase 2: Antigen Affinity Purification (1-2 weeks)

At least 3-5 mg Antibody by Antigen Affinity Purification.

Phase 3: ELISA Identification

Estimated Turnaround Time:

3-4 months by using standard immunization protocol.
~3 months by using express immunization protocol.