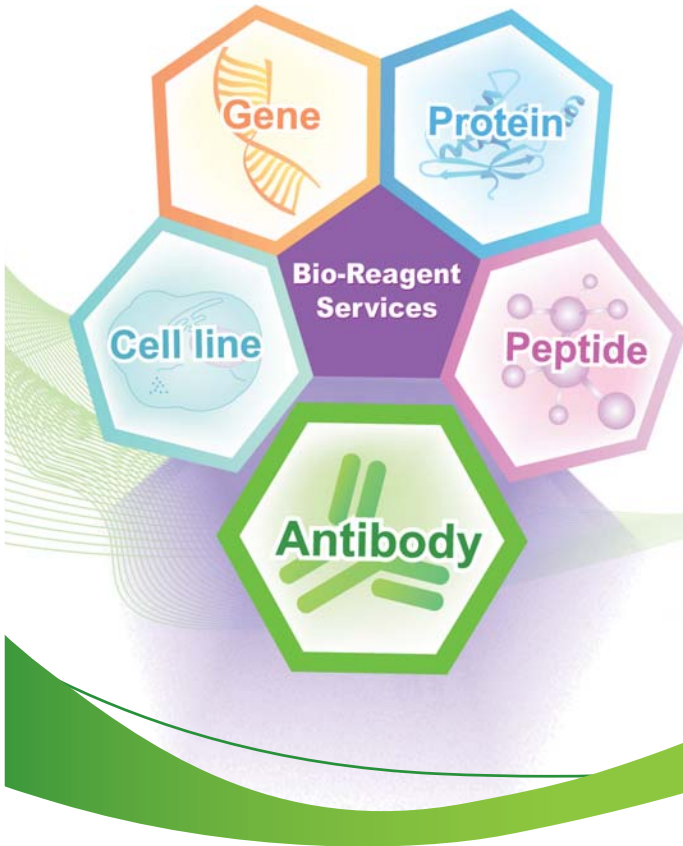


Bio-Reagent Services



Antibody Services

Best Guarantees in the Industry!

Monoclonal Antibody Services

Polyclonal Antibody Services

Express Antibody™ Services

Guaranteed Antibody Services

Antibody Purification Services



GenScript

The Biology CRO

Your Innovation Partner in Drug Discovery!



Monoclonal Antibody Services

We guarantee two positive clones for monoclonal antibodies developed in any chosen host if peptide antigens were designed, synthesized, and conjugated by GenScript. For any protein antigen (at least 2 mg, > 50% purity), we guarantee two positive clones with positive Western blot results for any chosen host, or client pays only \$800 set up fee. Our monoclonal antibody service starts at \$3,800.

I. Monoclonal Antibody Packages

SC1041: Complete Peptide Monoclonal Antibody Package (includes peptide synthesis*)—\$4,280.00

Service Includes	Delivery Package	Timeline
<ul style="list-style-type: none"> Design, synthesis and conjugation of the antigenic peptide Immunization of 5 BALB/c mice Splenocyte fusion and ELISA screening Subcloning and isotyping of the positive clones 	<ul style="list-style-type: none"> One vial of cell culture for each clone 5 ml of culture supernatant 5 mg of unconjugated peptide 	5–7 months

SC1040: Basic Monoclonal Antibody Package (antigen supplied by customer)—\$3,800.00

The package includes the same services as SC1041 except peptide design and synthesis.

SC1301: Phospho-specific Monoclonal Antibody Package (includes peptide synthesis*)—\$5,650.00

Service Includes	Delivery Package	Timeline
<ul style="list-style-type: none"> Design, synthesis and conjugation of the antigenic phosphopeptide & non-phosphopeptide Immunization of 10 BALB/c mice Splenocyte fusion and ELISA screening Subcloning and isotyping of the positive clones 	<ul style="list-style-type: none"> Two vial of frozen cells 5 ml of culture supernatants 5 mg of modified peptide 3 mg of unmodified peptide 	5–7 months

* Antigen peptide size limits to customary length

II. Assemble Your Own Package: Monoclonal Antibody Development

Cat. No.	Service Items
SC1216	Monoclonal Antibody Project, Phase I, Immunization of up to 5 BALB/c Mice with Protein or Carrier Protein Conjugated Haptens, Test Bleed, ELISA, and Evaluation
SC1217	Monoclonal Antibody Project, Phase I, Immunization of up to 3 Rats with Protein or Carrier Protein Conjugated Haptens
SC1218	Monoclonal Antibody Project, Phase I, Immunization of up to 5 BALB/c Mice with Cell-based Antigens, Test Bleed, ELISA, and Evaluation
SC1219	Monoclonal Antibody Project, Phase II, Cell Fusions, Screening, Positive Clone Expansion, and Isotyping
SC1220	Monoclonal Antibody Project, Phase III, Subcloning, Screening and Expansion
SC1221	Additional Subcloning (in Phase II)
SC1223	Monoclonal Antibody Production Additional Antigen Screening and Testing
SC1224	Monoclonal Antibody Production Hybridoma Screening Using a Cell-based Antigen (Cell-based ELISA)
SC1384	Monoclonal Antibody Project, Phase I, Immunization of 10 Mice, Test Bleed and ELISA, up to 10 Months Maintenance
SC1385	Monoclonal Antibody Project, Phase I, Cell Culture and Immunogen Preparation, Immunization of 5 Mice, Test Bleed and ELISA, up to 10 Months Animal Maintenance

III. Anti-idiotypic Monoclonal Antibody Packages

Cat.No.	Service Items
SC1184	Anti-idiotypic Monoclonal Antibody Package (Mouse)
SC1185	Anti-idiotypic Monoclonal Antibody Package (Rat)

Monoclonal Antibody Services

Two Positive Clones with Any Qualified Antigen

IV. Monoclonal Antibody Production Services

Cat.No.	Service Items
SC1110	Ascites Production in Balb/c Mice
SC1302	Ascites Production in Immunodeficient Mice
SC1373	Low EU (Endotoxin Unit) Roller Bottle Cell Culture
SC1117	Roller Bottle Cell Culture

For multiple orders or large scale production, please request a quotation and get more discounts.

Polyclonal Antibody Services

We guarantee that your polyclonal antibody produced by us in any host will have an ELISA titer of 1:20,000 or better if peptide antigens are designed, synthesized, and conjugated by GenScript. For any protein antigen (3 mg, > 80% purity, 90% preferred), we guarantee a polyclonal antibody with positive Western blot results and an ELISA titer of 1:20,000 or better for any host.

I. Most Popular—SC1031: Complete Affinity-Purified Peptide Polyclonal Antibody Package (Rabbit)—\$950.00

Service Includes	Delivery Package	Timeline
<ul style="list-style-type: none">Peptide synthesisTwo rabbits, pre-immune blood, four immunizations and final bleedPeptide affinity purificationELISA test	<ul style="list-style-type: none">3–5 mg affinity-purified antibodies (lyophilized)5 mg of unconjugated peptide1 ml of pre-immune serum (lyophilized)ELISA, MS, and HPLC results	<ul style="list-style-type: none">Peptide synthesis: 2–3 weeksConjugation: 1 weekImmunization: 10 weeksPurification: 1 weekELISA and shipping: 1–2 weeksTotal: 15–17 weeks

II. SC1030: Basic Polyclonal Antibody Package (Rabbit)—\$600.00

Service Includes	Delivery Package	Timeline
<ul style="list-style-type: none">Conjugation to KLH (optional)Two rabbits, pre-immune bleed, four immunizations per rabbitELISA testAntigen provided by customer: 2.5–3 mg of peptide or protein is required, at concentration > 0.4 mg/ml and without organic solvents	<ul style="list-style-type: none">1 ml of pre-immune serum (lyophilized)100–120 ml of antisera from two rabbits aliquoted and lyophilized in portionsELISA results	<ul style="list-style-type: none">Conjugation: 1 weekImmunization: 10 weeksELISA and shipping: 1–2 weeksTotal: 12–13 weeks

III. SC1044: Phospho-Specific Polyclonal Antibody Package (Rabbit)—\$1,650.00

Service Includes	Delivery Package	Timeline
<ul style="list-style-type: none">Two synthesized peptides, one with a modified amino acid (< 15 aa, > 90% purity, 15 mg) and another without modification (< 15 aa, > 90% purity, 10 mg)A cysteine is automatically added to the C terminus or N terminus of the peptide for KLH conjugationTwo rabbits, pre-immune, four immunizations/rabbitTwo affinity column preparationsAntibody purification by modified-peptide affinity column and without modified-peptide cross-adsorptionELISA test	<ul style="list-style-type: none">1 ml of pre-immune serum (lyophilized)ELISA results1–3 mg phospho-specific antibodies (lyophilized) from two rabbits5 mg of modified peptide5 mg of unmodified peptideMS reportsHPLC reports	<ul style="list-style-type: none">Peptide synthesis: 2–4 weeksConjugation: 1 weekImmunization: 10 weeksPurification: 1 weekELISA and shipping: 1–2 weeksTotal: 15–18 weeks



IV. SC1015: Complete Peptide Polyclonal Antibody Package (Rabbit)—\$795.00

The package includes the same services as SC1031 except affinity purification.

V. SC1045: Complete Protein A-Purified Peptide Polyclonal Antibody Package (Rabbit)—\$950.00

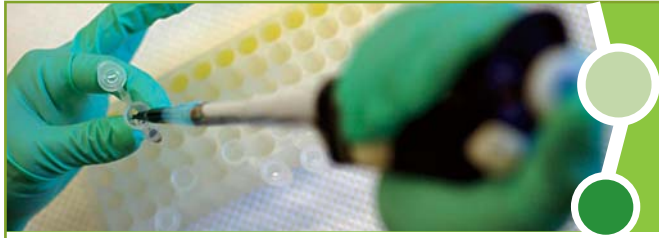
The package includes the same services as SC1031 except purification method (protein A).

VI. Complete Service List:

Cat. No.	Service Items
SC1047	Basic Polyclonal Antibody Package (Mouse)
SC1250	Basic Protein A-Purified Polyclonal Antibody Package (Mouse)
SC1046	Complete Peptide Polyclonal Antibody Package (Mouse)
SC1049	Complete Protein A-Purified Peptide Polyclonal Antibody Package (Mouse)
SC1030	Basic Polyclonal Antibody Package (Rabbit)
SC1247	Basic Affinity-Purified Polyclonal Antibody Package (Rabbit)
SC1248	Basic Protein A-Purified Polyclonal Antibody Package (Rabbit)
SC1015	Complete Peptide Polyclonal Antibody Package (Rabbit)
SC1045	Complete Protein A-Purified Peptide Polyclonal Antibody Package (Rabbit)
SC1031	Complete Affinity-Purified Peptide Polyclonal Antibody Package (Rabbit)
SC1044	Phospho-Specific Polyclonal Antibody Production (Rabbit)
SC1052	Basic Polyclonal Antibody Package (Goat)
SC1050	Complete Peptide Polyclonal Antibody Package (Goat)
SC1051	Complete Protein G-Purified Peptide Polyclonal Antibody Package (Goat)
SC1368	Complete Antigen Affinity purified Peptide Polyclonal Antibody Package (Goat)
SC1053	Basic Polyclonal Antibody Package (Chicken)
SC1369	Basic Peptide Polyclonal IgY Antibody Package (Chicken)
SC1370	Basic Affinity-Purified Peptide Polyclonal Antibody Package (Chicken)
SC1054	Complete Peptide Polyclonal Antibody Package (Chicken)
SC1055	Complete IgY-Purified Peptide Polyclonal Antibody Package (Chicken)
SC1056	Complete Affinity-Purified Peptide Polyclonal Antibody Package (Chicken)
SC1311	Basic Polyclonal Antibody Package (Rat)
SC1312	Basic Protein G-Purified Polyclonal Antibody Package (Rat)
SC1313	Complete Peptide Polyclonal Antibody Package (Rat)
SC1314	Complete Protein G-Purified Peptide Polyclonal Antibody Package (Rat)

Antibody Purification Services

Cat. No.	Service Items
SC1228	Protein A/G Affinity Purification (> 2.0 liters of culture supernatant)
SC1123	Peptide Affinity Column Purification (Up to 1,000 ml of sera or ascites)
SC1366	Antigen Affinity Purification for Chicken IgY (Up to 10 yolks)
SC1213	Protein-based Immunoaffinity Purification (Up to 100 ml of antisera)
SC1341	GST/His/Trx/Flag Affinity Column Cross-Absorption)
SC1125	Ion Exchange Purification (Up to 1,000 ml of sera or ascites)
SC1382	Low EU Protein A/G Affinity Purification (> 2.0 liter culture supernatant)
SC1130	Low EU Ion Exchange Purification (Up to 1,000 ml sera or ascites)



Best Guarantees

GenScript custom antibody services include recombinant antigen protein expression, peptide design and synthesis, polyclonal and monoclonal antibody production, express polyclonal antibody production, affinity purification, conjugation, fragmentation, and immunoassay development.

Proprietary Technology

- ▶ OptimumAntigen™ design software
- ▶ T-Max™ adjuvant
- ▶ Nanotechnology for mixing

Western-GUARANTEED Peptide pAb

- ▶ Guaranteed positive Western blot results
- ▶ Guaranteed ELISA titer of **1:20,000** or better

Monoclonal Antibody Services

- ▶ Complete peptide mAb package
- ▶ Phospho-specific mAb package
- ▶ Anti-idiotypic mAb packages
- ▶ Price starting at **\$3,800**

Express Antibody™ Services

- ▶ MonoExpress™ packages: in **60** days
- ▶ Express rabbit pAb services: in **33** days

Polyclonal Antibody Services

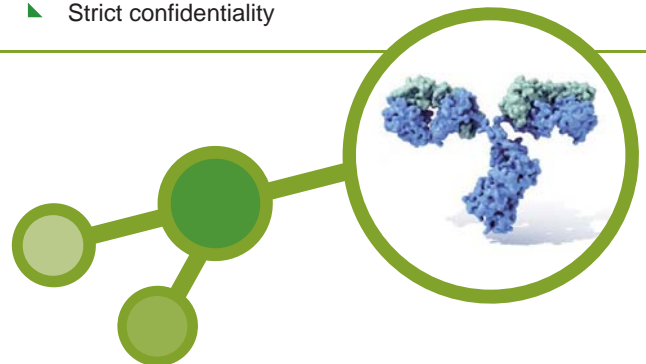
- ▶ Comprehensive species: rabbit, mouse, rat, chicken, and goat
- ▶ ELISA titer of **1:20,000** or better
- ▶ Phospho-specific pAb package

Monoclonal Antibody Production Services

- ▶ Guaranteed delivery
- ▶ Flexible scale from milligram to gram quantities
- ▶ Unlimited production: for any cell line in any chosen species
- ▶ Strict confidentiality

Large-scale Antibody Production Services

- ▶ Large scale protein purification greater than two liters
- ▶ Monoclonal antibody production up to gram level
- ▶ More than 3,000 rabbits, 2,000 mice, 500 rats, 100 chickens, and 100 goats



Best Guarantees in the Industry!

Polyclonal Antibody Services

Best Guaranteed Titer in the Industry!

Express Antibody™ Services

I. MonoExpress™ Antibody Package

Services	Package Includes	Deliverables
SC1342: Basic MonoExpress™ Antibody Service (Mouse)	<ul style="list-style-type: none">• 10 BALB/c mice immunization, pre-immune bleeds and test bleeds• Cell fusion, cloning and ELISA screening• ELISA/Western blot test• Frozen positive cell lines	<ul style="list-style-type: none">• Cryopreservation and delivery of up to 5 positive hybridoma clones and 3–5 ml of culture supernatant for each clone.• Total: 8–10 weeks

II. Express Rabbit pAb Services

Services	Specifications	Deliverables	Timeline
SC1178: Basic Express Polyclonal Antibody Package (Rabbit)	<ul style="list-style-type: none">• Antigen submission• Conjugated to KLH (optional)• Four rabbits, pre-immune bleed• Three immunizations/rabbit• ELISA test	<ul style="list-style-type: none">• 2–3 ml of pre-immune serum (lyophilized)• ELISA results• 80 ml of antisera from two rabbits aliquoted and lyophilized in portions	<ul style="list-style-type: none">• Conjugate: 3 days• Antisera: 33–36 days• ELISA and shipping: 7 days• Total: 43–46 days

III. Additional Service List:

Cat. No.	Service Items
SC1343	Basic MonoExpress™ Antibody Service (Rat)
SC1344	Peptide Supplied MonoExpress™ Antibody Service (Mouse)
SC1345	Peptide Supplied MonoExpress™ Antibody Service (Rat)
SC1179	Express Service—Complete Peptide Polyclonal Antibody Package (Rabbit)
SC1180	Express Service—Complete Affinity-Purified Peptide Polyclonal Antibody Package (Rabbit)

Western-GUARANTEED Peptide Polyclonal Antibody Package

GenScript offers new Western-Guaranteed peptide polyclonal antibody service package to satisfy your need for quality antibodies with positive Western blot results. Our guarantee is backed up by our proprietary OptimumAntigen™ design tool, T-Max™ adjuvant, and cutting-edge nanotechnology. Our track records showed a success rate over 98%.

SC1390: Western-Guaranteed Peptide Polyclonal Antibody Package (Rabbit)

Package Includes	Deliverables	Timeline
<ul style="list-style-type: none">• Peptide synthesis >85% purity, 15 mg• Peptide-KLH conjugation• Six rabbits immunization, pre-immune bleeds and test bleeds• Affinity purification and ELISA• Western blot	<ul style="list-style-type: none">• 3–5 mg purified antibodies (lyophilized) from two best rabbits• 5 mg peptide• MS and HPLC reports• Western blot and ELISA reports	<ul style="list-style-type: none">• Total: 16–18 weeks

CALL NOW FOR MORE INFORMATION

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