



GenScript Antibody Services

Custom Mouse & Rat Monoclonal Antibody Generation Services

GenScript’s custom rodent monoclonal antibody generation packages offer a fully comprehensive mAb production platform complete with a multitude of antigen types, immunization strategies, QC, and deliverables. By allowing our customers to have complete control over their projects, GenScript’s custom mAb packages ensure that generated antibody is tailored to the customers specific needs and interests.



In House Screening

Customer Chooses Clones for Subcloning
Based on In-House Screening



Complete Transparency

The Customer is in Control of Each
Decision of Their Project



Multiple Immunization Strategies

Choose from Variable Antigens and
Immunization Schedules

Service Specifications

Milestone	Service Options	Deliverables
Phase 1: Antigen Preparation	<ul style="list-style-type: none">Antigen Type (Protein, Peptide, DNA, or Cell line)Antigen Designer (Customer or GenScript)ImmunoPlus™OptimumAg™	<ul style="list-style-type: none">Remaining Antigen
Phase 2: Immunization	<ul style="list-style-type: none">Conventional or Express MethodAnimal Species (Balb/c Mice, C57BL6 Mice, GANP mice, or Rat) # of Animals	<ul style="list-style-type: none">Test Bleed Report15 µL Serum Sample after Third Boost
Phase 3: Cell Fusion and Screening	<ul style="list-style-type: none">Screening Methods (FACS, WB, Indirect ELISA, Capture ELISA, Competitive ELISA, or Counter Screening)	<ul style="list-style-type: none">20 Supernatants for ClientIn-House AnalysisParental Supernatant ReportClient Selects Clones for Phase 4
Phase 4: Sub-cloning, Screening, and Expansion	<ul style="list-style-type: none">Number of Sub-clonesSmall to Large Scale mAb productionCryopreservation and Cell BankingEpitope Binning	<ul style="list-style-type: none">2 Vials of Up To 10 Hybridoma Cell Lines5 Ml Sub-clonal Supernatant2 mg Purified mAbFree Cell Banking for 6 Months

*Custom mAb packages are highly flexible, and therefore range anywhere from \$4,000-15,000 USD, depending on your antigen, immunizations schedule, and screening methods of choice. These Decisions also greatly affect the turn-around-time, which typically ranges from 17-24 weeks.

Standard pAb Generation Services

GenScript’s standard pAb packages offer the same high level of customization used for our monoclonal antibody projects but, with the reduction of price and turn-around-time that comes with polyclonal antibody generation.



Multiple Deliverable Formats

For High Functionality in Your Down Stream
Application



Range of Animal Hosts

Choose the Species that is Perfect for Your
Downstream Application



Multiple Purification Methods

Affinity Column, Protein A/G, IgY, & Anti-Serum
Purification

Service Specifications

Rabbit Packages		Mouse packages		Rat packages	
Antigen	<ul style="list-style-type: none">ProteinPeptide	<ul style="list-style-type: none">ProteinPeptide		<ul style="list-style-type: none">ProteinPeptide	
Immunization	<ul style="list-style-type: none">2 Rabbits/1 Group	<ul style="list-style-type: none">5 Mice/1 Group		<ul style="list-style-type: none">3 Rats/1 Group	
Purification	<ul style="list-style-type: none">Affinity PurifiedProtein A Purified	<ul style="list-style-type: none">Protein A Purified		<ul style="list-style-type: none">Protein G Purified	
Deliverables	<ul style="list-style-type: none">Pre-Immune SerumAntiseraGenScript Generated Antigen10-500 mg Purified pAb	<ul style="list-style-type: none">Pre-Immune SerumAntiseraGenScript Generated Antigen5-15 mg Purified pAb		<ul style="list-style-type: none">Pre-Immune SerumGenScript Generated Antigen10-25 mg Purified pAb	
Guarantee	<ul style="list-style-type: none">ELISA Titer >1:128,00	<ul style="list-style-type: none">ELISA Titer >1:128,00		<ul style="list-style-type: none">ELISA Titer >1:128,00	
TAT	<ul style="list-style-type: none">12-17 weeks	<ul style="list-style-type: none">17 weeks		<ul style="list-style-type: none">17 Weeks	
Avg Price (USD)	<ul style="list-style-type: none">Inquiry	<ul style="list-style-type: none">Inquiry		<ul style="list-style-type: none">Inquiry	