IMGENEX
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Custom Polyclonal Antibody Production Protocol

Antigen preparation 1-3 weeks (depending on the project)	• Customer sends the antigen (peptide or purified protein) or IMGENEX designs the peptide sequence and gets customer's approval • Peptide synthesis and QC by mass spec and HPLC • HPLC purification of the peptide (if applicable) • KLH conjugation and antigen preparation
10 week antibody production protocol	• 1st Week: Pre-immunization bleed (5 mL sera/rabbit) and 1st immunization • 2nd Week: 2nd immunization • 3rd Week: 3rd immunization • 4th Week: 4th immunization • 5th Week: 5th immunization • 6th Week: 1st production bleed (10~15 mL sera/per rabbit) • 7th Week: 6th immunization • 8th Week: 2nd production bleed (10~15 mL sera/per rabbit) • 9th Week: 7th immunization • 10th Week: 3rd production bleed (10~15 mL sera/per rabbit)
Testing and purification ~1 week	• ELISA assay on pre bleed sera, 1st, 2nd and 3rd production bleed sera • Protein A or Peptide-affinity Purification (if applicable) of the bleed sera that has the highest titer. The customer may request to purify more than one sera pooled-in together.

**All production bleed sera (or purified antibody), pre-immunization sera, remaining peptide (if applicable) and the project report is prepared and delivered upon project completion.*

**If you wish to continue the project after the 3rd bleed, please contact IMGENEX to order Project Extension (S10093) within 1 week of receiving the bleed sera (or purified antibody). In the absence of project continuation arrangements, rabbits are subject to termination 14 days after the bleeds are received by you. Projects are billed at $1 day/rabbit for housing costs beginning 1 week after you receive the shipment.*

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