A comprehensive monoclonal antibody production service.

Starting from in-house or customer's hybridomas, we propose different production schemes. Each strategy is based on the mAb amount and the clone productivity.

**In vitro production**
All our custom monoclonal antibodies are produced exclusively in vitro.

**Up to 100 g mAb**
We are equipped to produce from mg to grams of purified monoclonal antibodies. Test studies are performed for requests ≥ 200 mg.

**Optimized protocols**
Depending on the requested amount and the hybridoma productivity, we produce monoclonal antibodies in flasks, roller bottles or bioreactors.

**Downstream processes**
We offer a variety of manufacturing options, to deliver monoclonal antibodies in a format that will optimally suit the customer's application.

**Purity**
- Polishing
  Mixed-mode chromatography
- Purification
  Affinity, ion exchange, gel filtration, IgM purification
- Clearance
  DNA and endotoxin removal

**Format**
- Concentration/diafiltration
- Conjugation and freeze-drying service

**Quality controls**
- Physico-chemical
  Purity, Quantity, Integrity, Sterility, …
- Technical
  Method validation
- Functional
  Binding, cytotoxicity, ADCC, CDC, residual endotoxins, in vivo testing...
Additional services for antibodies

- Culture media selection and serum-free production,
- Isotyping, sequencing, cell-line adaptation, cell banking, productivity assessment, variable chains sequencing, cloning for recombinant antibody generation.
- ELISA assays development.
- Mycoplasma testing and cell line decontamination.

Hybridoma generation

We provide a comprehensive murine hybridomas development offer. We generate custom hybridomas from a large panel of antigens, and provide a personalized follow up at every step, from antigen design up to the cell banking.

Why work with Eurogentec?

- Belgian company with state-of-the-art facilities.
- Over 25 years of experience in antibody manufacturing.
- A Team of antibody experts, dedicated to find the best strategy for the customer’s request.

Learn more on www.eurogentec.com