



Customized Antibodies

from conception to validation

Develop and own your validated critical reagents with **MABSolut Services**

By its dedicated services department (MABSolut), our company provides a large variety of customized and high added-value services in the field of antibodies for R&D. With strong expertise and cutting-edge laboratory equipment, we develop and deliver solutions for recombinant proteins and antibodies.

MABSolut provides for your projects innovative approaches in the development of antibodies directed toward small antigens with low immunogenic properties and/or complex structure such as chemical molecules, toxin, glycolipids and proteoglycans.

Our services include:

- Design, optimization and preparation of antigen (hapten coupling, fragmentation)
- Immunization, fusion, screening, selection and production of hybridoma
- Production from hybridoma and mammalian cells (CHO or HEK293) of monoclonal antibodies and/or recombinant proteins with a **production scale from 1mg to 100g**
- Purification by FPLC (Akta basic, Purifier, Explorer and Avant) using A, G, L protein affinity columns, preparative size exclusion chromatography and desalting columns in endotoxin free conditions
- Characterization and ***in vitro* functional validation** and **analytical testing** (ELISA simplex or multiplex capillary electrophoresis, western blot, FPLC / HPLC gel filtration, flow cytometry endotoxin detection, thermal stability)
- Molecular biology and engineering for the **development of specific antibodies**: binding optimization, chimerization, fragments (scFv, scFv2, dAb), bispecific antibody.
- **Chemical fragmentation** (Fab, F(ab)'2) and antibodies coupling (biotin, enzymes, fluorophores, toxic molecules)

Develop and validate your IVD/CE marked-kits with **FIRALIS SAS**

Assay development according to ISO:13485 and validation of immunoassays or bioassays according to ISO:17025/CLSI norm*

FIRALIS and MABSolys combine their respective areas of expertise to provide you the right solutions for your successful projects of *In-Vitro Diagnostic immunoassays*.

FIRALIS SAS is a biotechnology company headquartered in Huningue (Basel Area), with a mission to improve disease outcome, therapeutic decisions and to generate savings in healthcare through biomarkers discovery, development and regulatory qualification that ultimately leads to biomarker-based diagnostics.

Our team would be very pleased to discuss your projects with you. Please do not hesitate to contact us for any questions and/or details concerning our services.

Please check our websites www.mabsolut.com and www.firalis.com. You will find our main services we provide to support your R&D diagnostic projects.

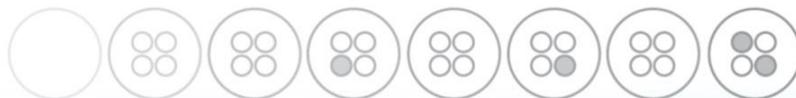
Contact us at contact@mabsolut.com or sales@firalis.com

We are looking forward to hearing from you soon,

Best regards,

Firalis Business Development team

*scope available on www.cofrac.fr
Accreditation N°8-3139



Innovation & Biomarkers