

COMPANY PROFILE



COMPANY Focus

Expert in immunotechnology, BIOTEM provides custom and high added value services in the field of antibody and immunoassay design.

For more than 30 years, BIOTEM has developed a unique expertise and a large panel of cutting edge proprietary technologies. The company is therefore proud to carry out the most relevant strategies and to propose contracts with guaranteed results for most projects.

Since being created in 1980, BIOTEM has been the privileged partner of outstanding private and public laboratories for their research, diagnostic and therapeutic projects.

Located in the heart of the scientific cluster of excellence Grenoble-Lyon-Geneva, the company disposes of 2000 m² offices and laboratories.

BIOTEM complies with ISO 9001:2008 quality standards and is certified "Crédit Impôt Recherche" (CIR agreement).

Clients

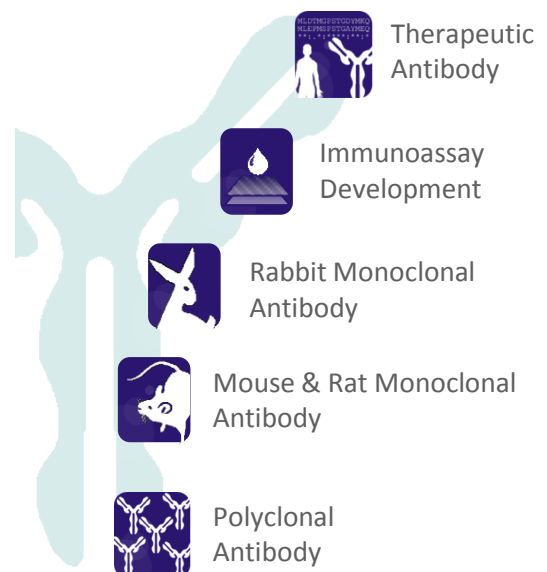
- ✓ Major pharmaceutical firms
- ✓ Diagnostics and biotechnology companies
- ✓ Academic laboratories, hospitals & NGO's

Worldwide presence: Europe, USA, Australia, Israel, Russia, Asia, etc.

Key Points

- ✓ 30 years of expertise
- ✓ Guaranteed results
- ✓ Exclusive and cutting edge technologies
- ✓ Highly qualified staff
- ✓ > 95 % success & satisfaction rate
- ✓ 100% Fee-for-service

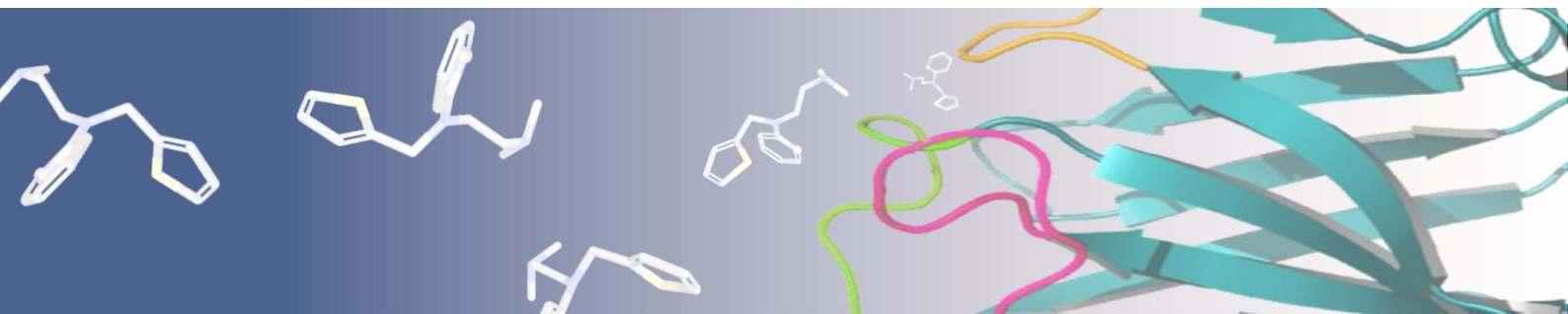
ANTIBODY Services



BIOTEM is the ideal "one-stop-shop" service provider dedicated to accelerating research from project conception to preclinical stages.

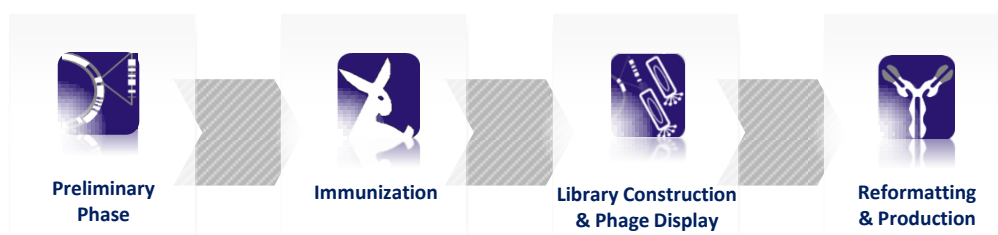
OUR COMMITMENT MAKES THE DIFFERENCE

RABBIT MONOCLONAL ANTIBODY PLATFORM



Rabbit Monoclonal Antibodies achieve **high affinity** and **specificity** while allowing the recognition of a **broad diversity of targets**. As a result they represent an attractive class of immunoreagents for most challenging applications in Life Science and Diagnostics.

BIOTEM's Rabbit Monoclonal Antibody Platform overcomes the difficulties encountered when developing antibodies against non-immunogenic targets, **small molecule targets** (e.g. haptens, non-protein targets) and **post-translational modifications** (PTM).



Preliminary Phase

- Project specifications (target typology, materials, end applications)
- Antigen / Immunogen development (peptides, hapten conjugates) & validation

Immunization

- Custom immunization protocols
- **In depth** analysis of immune responses (ELISA, affinity analysis, etc.)

Library Construction & Phage Display

- Highly representative libraries (**large epitope coverage**)
- **Customized high throughput screening**
- **High affinity** antibodies (picomolar level, K_D)
- Thorough characterization of scFv candidates

Reformatting & Production

- scFv or full IgG format (other isotypes available)
- Small and large scale production / purification
- Quality controls (Concentration, Purity, Affinity, Endotoxin levels, Stability, etc.)

Expertise

- Hapten Synthesis & Conjugation
- Tailored Libraries
- Custom Screening by Phage Display

- Assays with Low Detection Limit
- Detection of Small Molecules & PTM
- Optimal for IHC and IF

- High Affinity
- High Specificity
- Large Epitope Coverage

Applications

Advantages