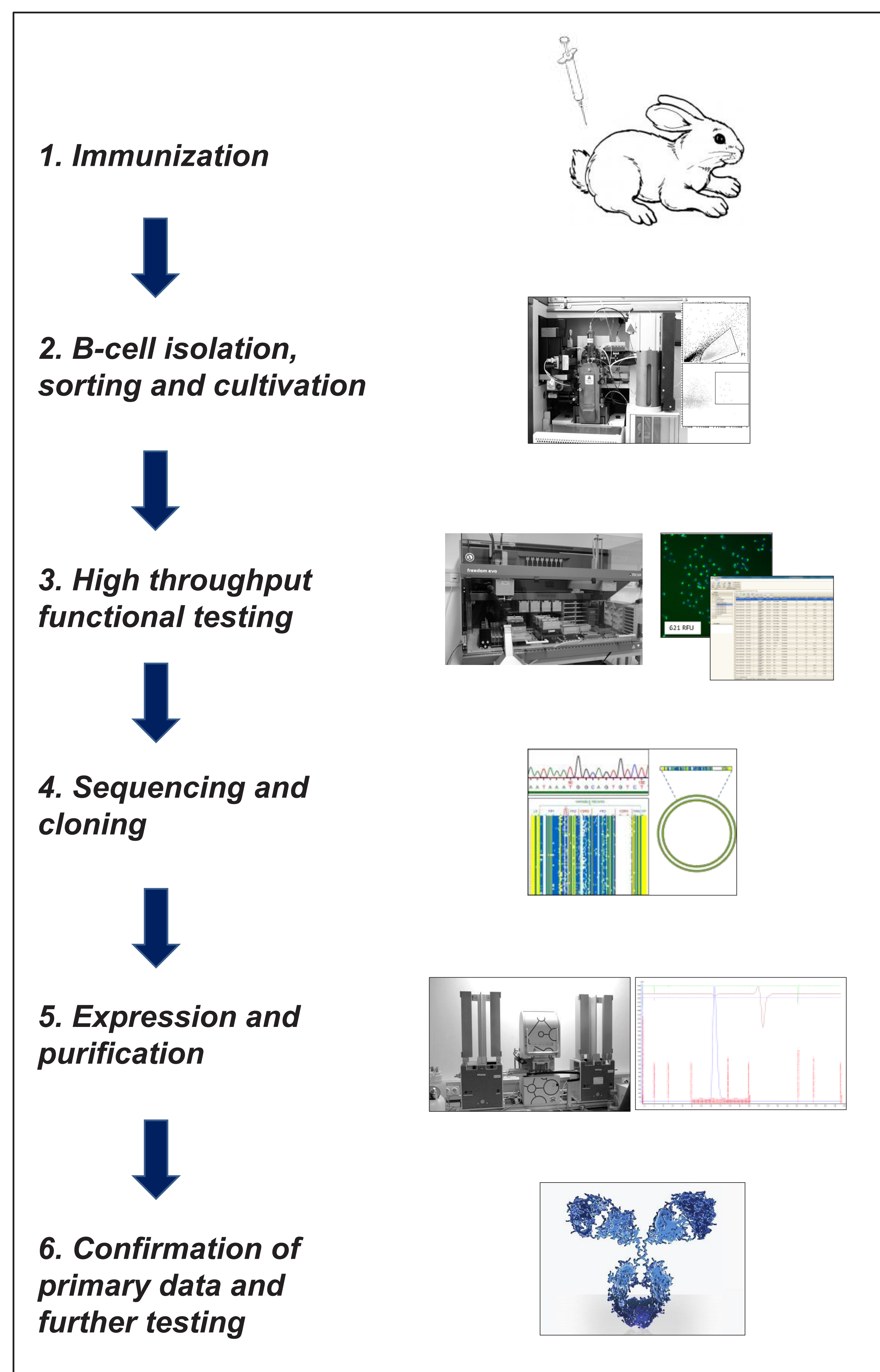


MAB Discovery Technology: A Smart Way to Highly Diverse and Functional Therapeutic Antibodies

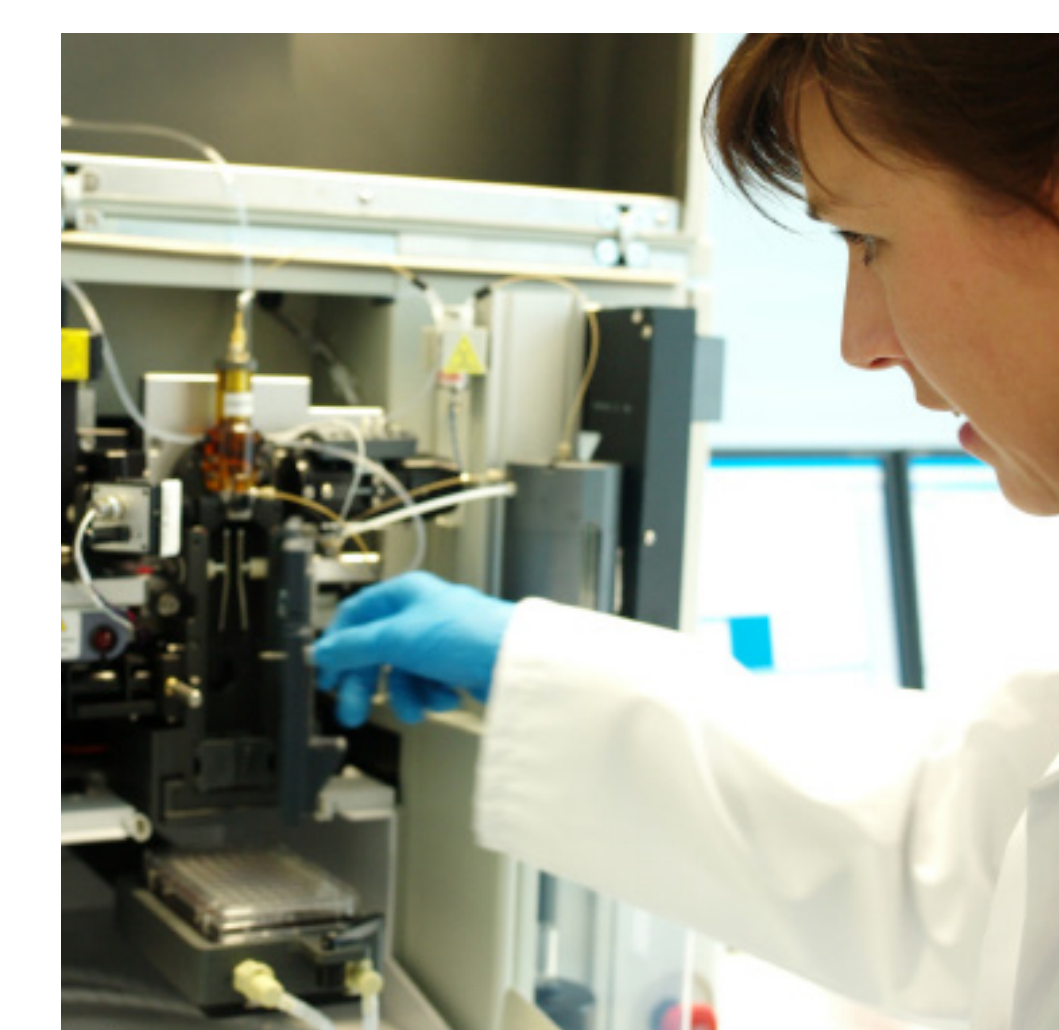
MAB Discovery GmbH, Munich, Germany, www.mabdiscovery.com

A highly automated antibody discovery process



Unique features of the MAB Discovery technology

- Highly automated process supported by a sophisticated LIMS
- Rabbits as an established source for high-affinity antibodies
- MAB's immunization process promoting antibody cross-reactivity (e.g. mouse/cyno/human)
- B cell isolation followed by a proprietary B cell cultivation process
- Testing of the B cell supernatants using state of the art high throughput assays
- Early-on testing for functionality, if HT assay available
- High throughput mRNA extraction and sequence identification
- In silico analysis to identify potential protein liabilities
- Automated transient expression and antibody purification in MTP format
- Antibody re-supply up to 100 mg



Benefit of the MAB Discovery process

- Generation of a high number of monoclonal antibodies with
 - ✓ high affinity
 - ✓ high diversity
 - ✓ cross reactivity and functionality
 - ✓ a clinically proven IgG format
 - ✓ proven expressability to guarantee re-supply
- Selection of the identified antibodies according to early functional testing

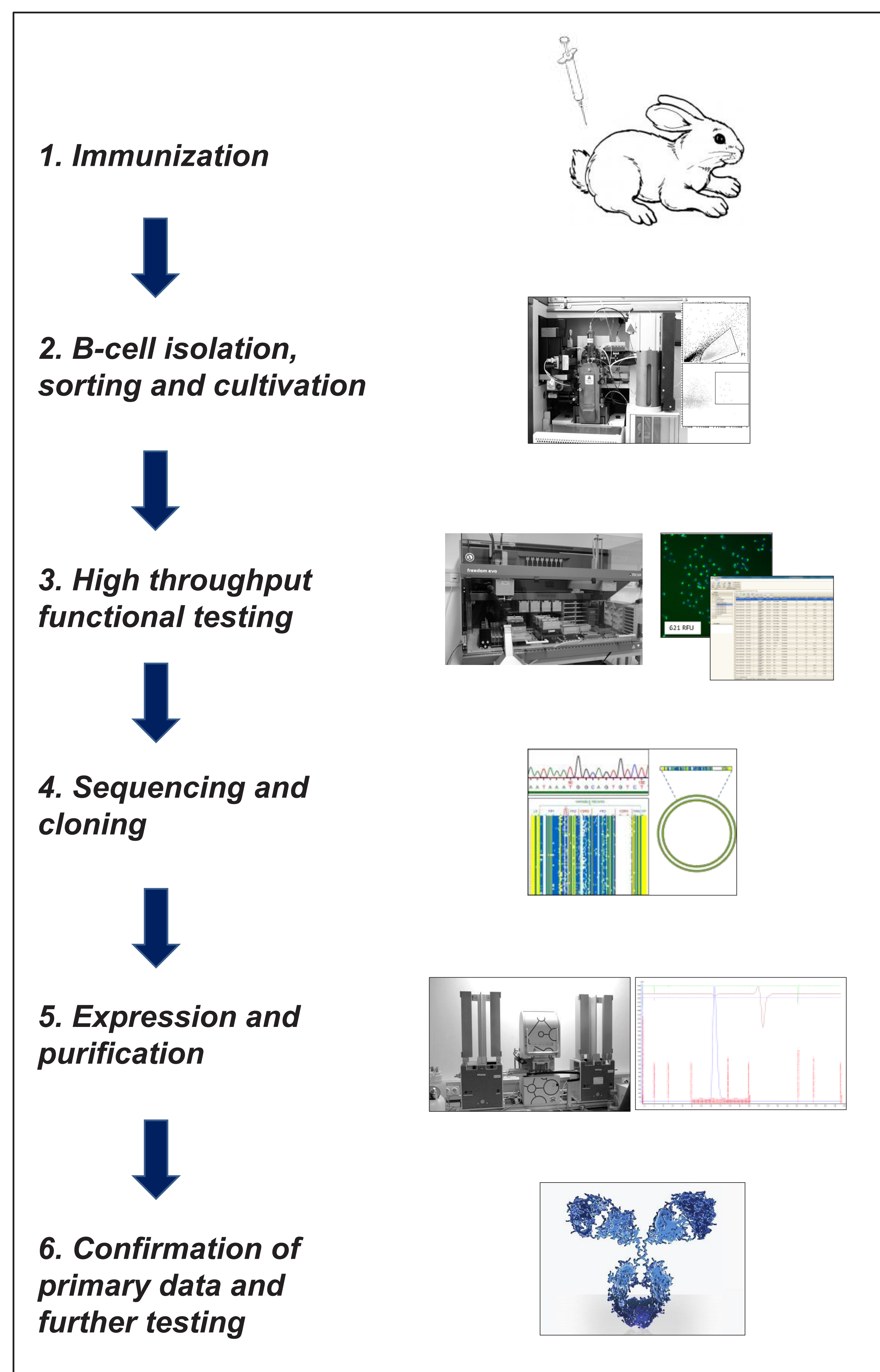
The MAB Discovery team

- Dedicated team of experienced scientists with long-lasting experience in Big Pharma drug discovery
- High quality project management and scientific support throughout all project phases

MAB Discovery Technology: A Smart Way to Highly Diverse and Functional Therapeutic Antibodies

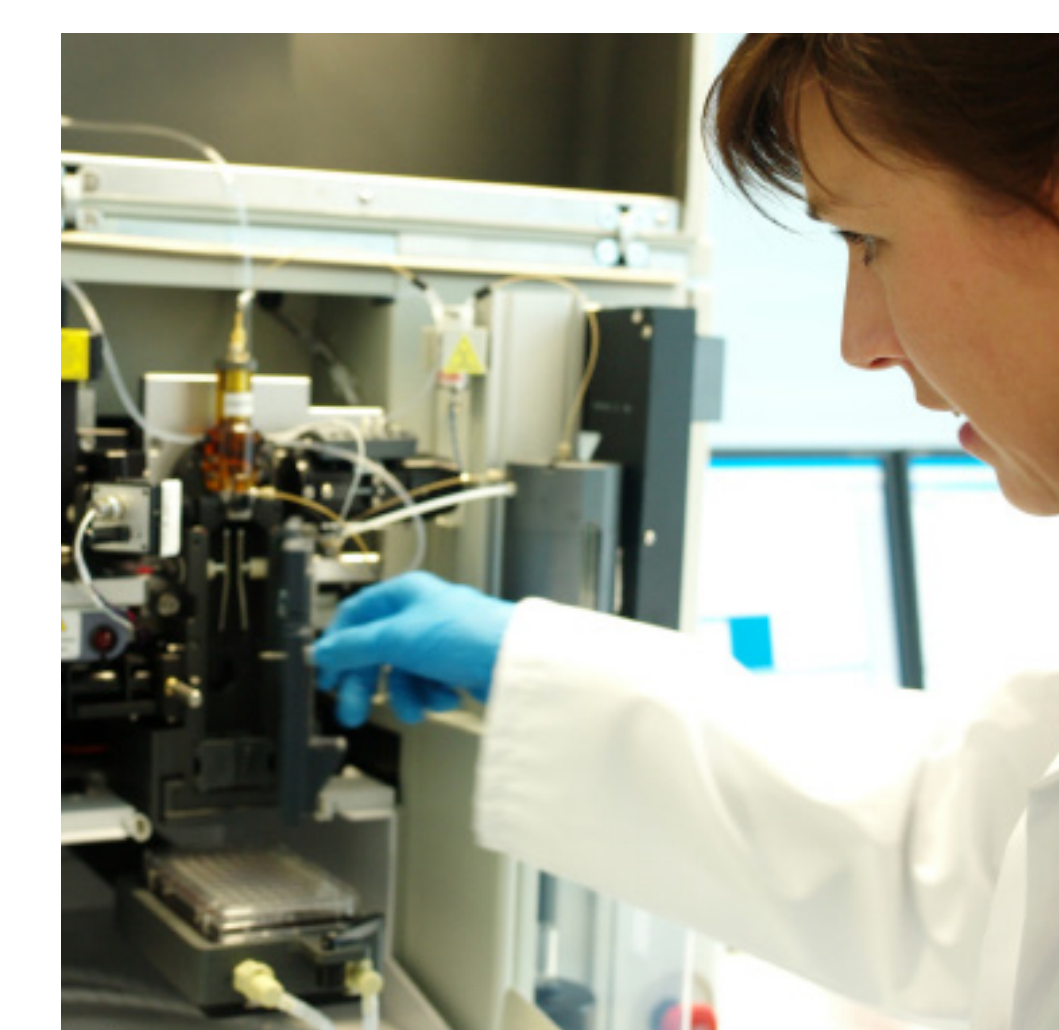
MAB Discovery GmbH, Munich, Germany, www.mabdiscovery.com

A highly automated antibody discovery process



Unique features of the MAB Discovery technology

- Highly automated process supported by a sophisticated LIMS
- Rabbits as an established source for high-affinity antibodies
- MAB's immunization process promoting antibody cross-reactivity (e.g. mouse/cyno/human)
- B cell isolation followed by a proprietary B cell cultivation process
- Testing of the B cell supernatants using state of the art high throughput assays
- Early-on testing for functionality, if HT assay available
- High throughput mRNA extraction and sequence identification
- In silico analysis to identify potential protein liabilities
- Automated transient expression and antibody purification in MTP format
- Antibody re-supply up to 100 mg



Benefit of the MAB Discovery process

- Generation of a high number of monoclonal antibodies with
 - ✓ high affinity
 - ✓ high diversity
 - ✓ cross reactivity and functionality
 - ✓ a clinically proven IgG format
 - ✓ proven expressability to guarantee re-supply
- Selection of the identified antibodies according to early functional testing

The MAB Discovery team

- Dedicated team of experienced scientists with long-lasting experience in Big Pharma drug discovery
- High quality project management and scientific support throughout all project phases