

Antibody development

Because finding the right pair
is both a science and an art

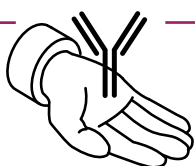


Your trusted source for monoclonals

Mabtech is a Swedish company dedicated to developing high-quality immunoassays for life science research. In 1986, we started by crafting antibodies on demand, and over the years, our journey has expanded into developing our own immunoassays and instruments. Today, researchers around the world use our tools to explore immune responses, accelerate vaccine development, advance immunotherapy, and pioneer new diagnostic methods. And while we've grown, some things haven't changed – we still develop custom antibodies, drawing on decades of expertise to deliver antibodies tailored to our customers' needs.

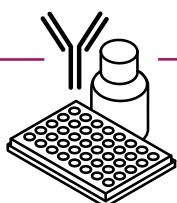


Our services at a glance



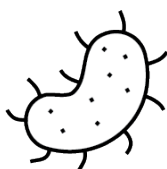
Antibody development

Your idea, our expertise – custom antibodies tailored to your project. Selecting perfectly matched mAb pairs for immunoassays is our favorite thing to do.



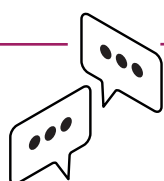
Custom format

Customization is what we do best – whether you need antibody conjugation, personalized kits, bulk formats, or pre-coated plates, we're here to tailor our products to your needs.



MAT assays

Avoid unwanted side effects by uncovering pyrogen impurities early on. The assays are performed with pooled human PBMCs and include endotoxin or non-endotoxin pyrogens as positive controls in accordance with the European Pharmacopoeia (Ph. Eur. 2.6.30).



Consultancy

ELISpot training, reader workshops, assay setup – we share our expertise to help you hit the ground running on your next project.

Develop antibodies with us

At Mabtech, we specialize in developing monoclonal antibodies for a wide range of research applications. Our services cover the entire process, from antigen design to the production of monoclonal antibodies.

Once your hybridoma is ready, you can choose to take it as is or let us assist with the

cultivation and cell banking.

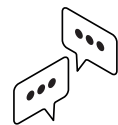
Talk to one of our experts, and together we'll create a tailored plan with your goals at the center. With Mabtech, antibody development is straightforward, collaborative, and built around your needs.

Project stages



1. First meeting: Let's discuss!

Tell us your needs and dreams for the project.



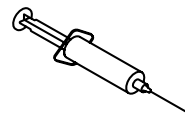
2. Antigen development

Don't have the antigen for immunization? Let us design and express it for you.



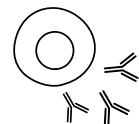
3. Immunization and serology

We immunize mice or rats with the antigen and run serology to measure the specific immune response.



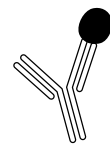
4. Hybridoma production

We generate the hybridomas and screen for the best clones. These are expanded and cryopreserved.



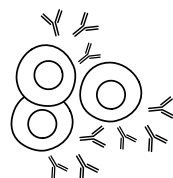
5. mAb characterization

We'll measure the affinity and perform epitope binning of the novel antibodies.



6. mAb production

The best hybridomas are cultivated and the generated antibodies are purified.



Contact us

At Mabtech, our mission is to support scientists in reaching their goals. Got a project in mind? Get in touch – we're here to help you succeed.



MABTECH

About Mabtech

Mabtech is a Swedish biotech company founded in 1986. Our mission is to aid scientists to reach new frontiers through optimal immunoassays and instruments.