LINK & LOAD SMARTER

Discover comprehensive ADC Solutions.

The life science business of Merck operates as MilliporeSigma in the U.S. and Canada.

Innovate your ADC workflow

Leveraging small molecule and Biopharmaceutical Expertise.

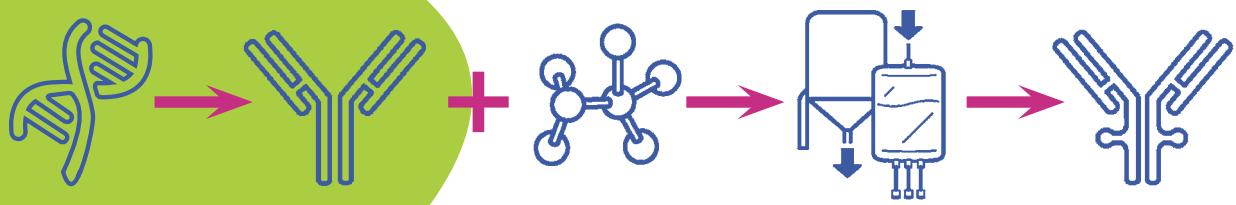
Antibody Drug Conjugates present a unique set of challenges for developing companies. The competition is fierce. The development is complex. Their structural exceptionality requires expertise in a number of different technologies for small and large molecules as well as analytical methods.

Sourcing out various stages of the supply chain has become almost unavoidable. Instead of using a variety of contracted researchers and manufacturers – why not simplify the process and minimize your number of partners?

We offer a comprehensive service portfolio that uniquely combines the crucial steps of your developmental process: mAb solutions, linker, payload and the final conjugation – all from a single source.

Discover the partner that fast-tracks your production and helps you accelerate your processes along the supply chain.

- **Streamline your processes with our resources from development and manufacturing of monoclonal antibodies to our conjugation services**
- **Profit from our 30-year experience in process development of more than 250 biologics and conjugation of more than 80 different constructs**
- **Load your ADC smarter with our technical innovations and groundbreaking process templates**



Accelerate with the right development

Dedicated mAb Development and Manufacturing Services.

As part of our holistic approach to matching your needs in ADC development, our state-of-the-art mammalian biopharmaceutical facilities serve as a key factor to support your clinical cGMP mAb supplies.

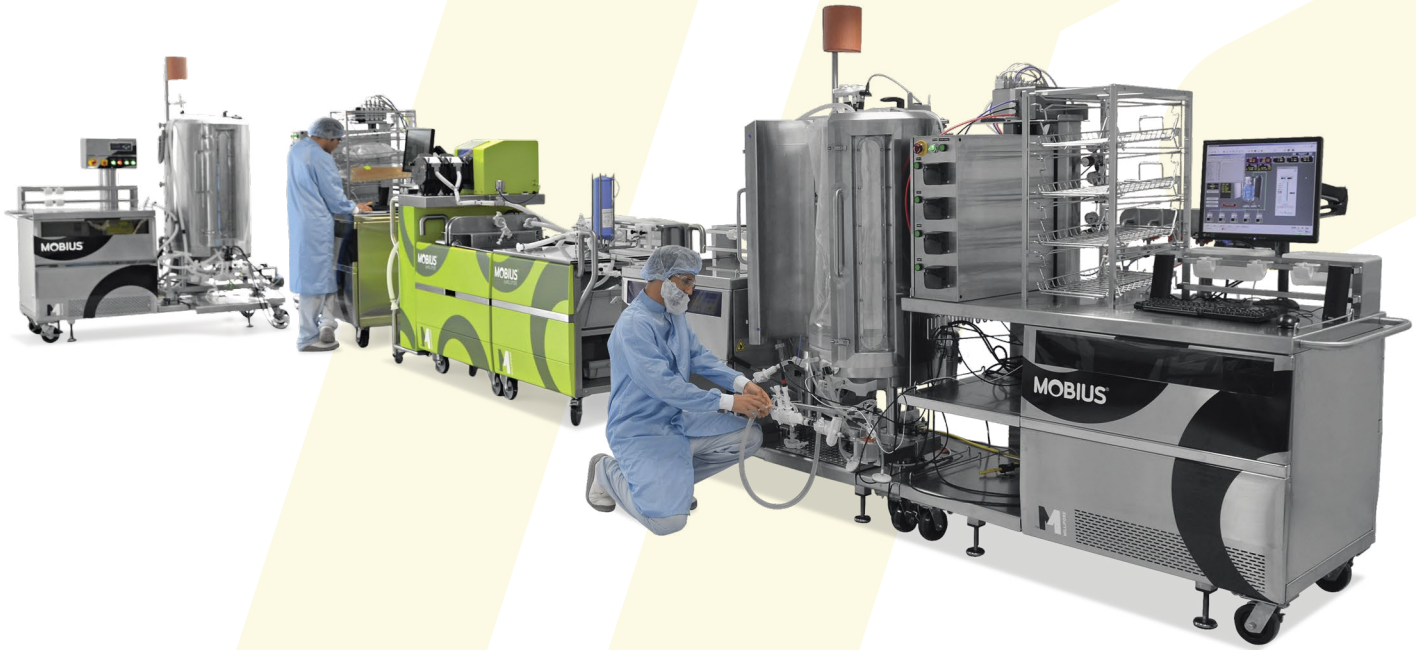
Our dedicated engineers and technicians offer unparalleled expertise in every area of your development and manu-facturing process.

Our global BioReliance® End-to-End Solutions team creates innovative processes to help you manu-facture your mAb – getting your drug from cell to clinic in less than 12 months.

We have 33+ years of process development experience with more than 250 biologics and 25+ years in cGMP production.

In 2012 we have upgraded our facility in Martillac, France to fully single-use (150 – 2000 L Mobius® bioreactors) – audited by national and international authorities.
In 2017 we opened new facilities in Burlington, MA, USA and Shanghai, China leveraging identical technologies.

From gene sequence to liquid bulk, one joint project team streamlines your ADC program – enabling a faster development of the conjugation process, seamless to our customers.

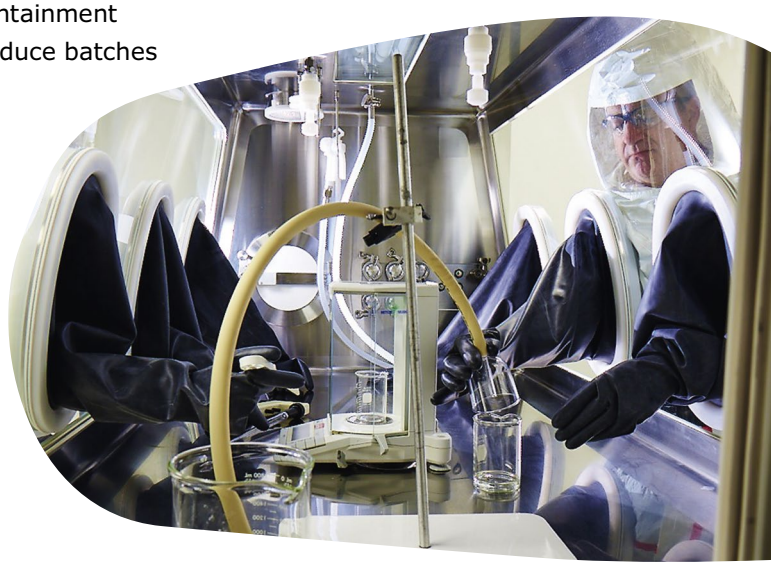


Find your Missing link

Innovative Payloads and Linker Manufacturing.

Helping you with our mAb development and manufacturing Services is one thing – but what happens after you have successfully produced your monoclonal antibody? Instead of turning to several different suppliers, let us step in once again. With more than 25 years of experience working with complex and highly active pharmaceutical ingredients, we specialize in handling the individual challenges of potent molecules. Our proprietary linkers as well as synthesized client-specific linkers have proven to be consistent and are scaleable up to commercial batches.

Our FDA-inspected premier high-potency cGMP manufacturing facilities in the US feature the highest level of containment engineering to produce batches ranging in size, from grams all the way up to 400 kg. We have experienced personnel that know how to develop and manufacture highly active and complex compounds, support global quality and regulatory requirements, and they have been serving market leaders in linker technology for years.



connect the dots

ADC & Bioconjugation Services.

We provide all capabilities needed for dedicated ADC development, manufacturing and testing. Through our experience with more than 80 different ADC constructs, produced in more than 600 batches (180 cGMP, 35 commercial), our service personnel and suites have cultivated extensive expertise to deliver solutions for your ADC or bioconjugate. Our facilities are purpose-built specifically for the handling of HPAPIs, antibodies, linkers and for performing complex conjugation processes – on a preclinical as well as a commercial scale. We are continuously adopting and developing latest technologies to support your ADC program.

assemble all benefits

Advanced global Project Management.

We offer comprehensive solutions from gene sequence to stability testing of the final drug product. To help you with the complexities of managing an international ADC program, our dedicated project managers become your single point of contact.
They coordinate multi-disciplinary teams, site activities all around the globe and the scheduling of timelines. We help you in handling your challenges along the supply chain – from implementation to execution throughout the project lifecycle.

Comprehensive analytical Development and Testing.

Partner with us to get expert guidance on the biological components of your ADC, both the ‘naked’ antibody and the drug-conjugated antibody. We provide testing and characterization services from discovery through commercialization. Our BioReliance® Product Characterization services team will work with you to de-risk the development and manufacturing process by providing safer, reliable, and faster testing, expediting product quality decisions at critical junctures.

To find out more about our eclectic range of services, contact our sales representatives and visit our website **SigmaAldrich.com/adc-manufacturing**

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