



**One of the UK's leading providers for flexible and professional  
contract development of high quality antibodies**

# OUR QUALITY PRODUCTS AND SERVICES

Antibody Production Services (APS) is one of the UK's leading providers to pharma, bioscience and contract research organisations for flexible and professional contract development of high quality monoclonal and polyclonal antibodies. Life Science Group is committed to ensuring all ethical requirements are met.

We also provide a wide range of associated services including bulk production, purification, conjugation of antibodies, immunoassay development and optimisation etc.

## ■ ANTIGEN/IMMUNOGEN DESIGN

APS can advise on the optimal antigens/immunogens in order to assure the successful outcome of your antibody project(s) e.g. peptides, DNA, cells, proteins etc.. We can assist in determining the best peptide sequence(s) to use for a particular target/project. These can then be synthesised at up to >95% purity and conjugated to carrier proteins, as necessary.

## ■ CUSTOM POLYCLONAL ANTIBODY PRODUCTION

APS offers one of the widest choices of animals for polyclonal antibody production in the UK. The most suitable host for antibody generation will depend on the amount of antibody needed and the characteristics of the product being made. Our animal species include: Rabbits; Sheep; Goats; Chickens; Mice; Rats; Alpaca/Llama and Emu.

## ■ CUSTOM MONOCLONAL ANTIBODY PRODUCTION

APS offers services in mice and rat. We have standard immunisation protocols which can be adapted to your needs in discussions with the experienced technical team.

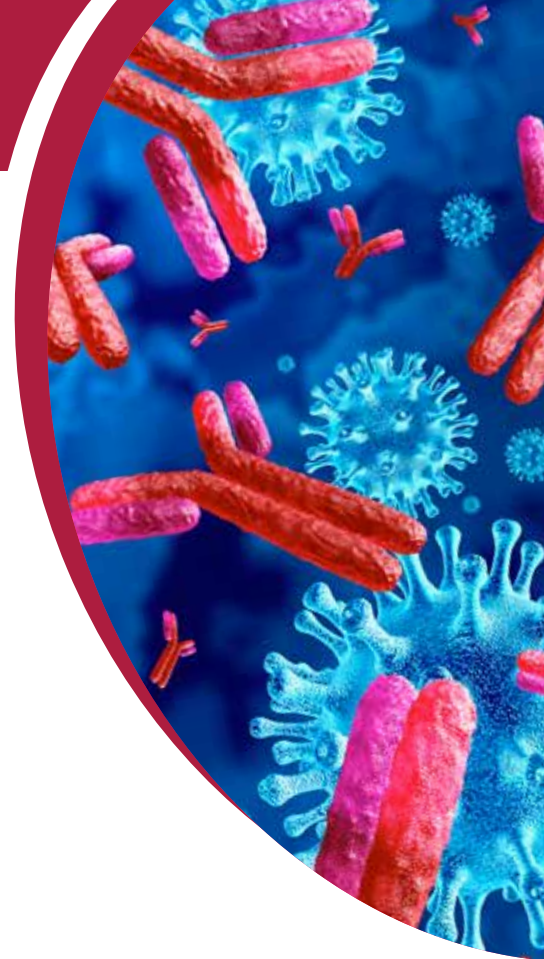
## ■ MONOCLONAL ANTIBODY SCALE-UP

APS offers small to large scale production of hybridomas (milligram to gram quantities) created as part of the custom monoclonal antibody project and/pr from your own hybridomas.

## ■ PURIFICATION AND CHARACTERISATION

APS offers purification of antibodies from either tissue culture supernatant or serum. Whilst some assays do not require pure antibodies, purification is often required to avoid unwanted interactions with other protein molecules and components.

APS also offers a wide array of additional services including: Antibody conjugation and modification; Hybridoma sequencing and humanisation; Cell line optimisation; Adaptation to serum-free media; cell line storage; IgG1 isotype control antibody; Mycoplasma testing.



All procedures are performed in secure UK facilities by qualified licensees under veterinary supervision meeting all current UK stringent ethical standards.

For more information, to request samples, or to order, call 01234 889180, email [sales@lifesciencegroup.co.uk](mailto:sales@lifesciencegroup.co.uk) or visit our website at [www.antibodyproduction.co.uk](http://www.antibodyproduction.co.uk)

**YOUR PARTNER FOR QUALITY ANTIBODIES**



- First-class customer service
- Full traceability on all products
- All procedures performed in secure UK facilities
- All products meet current UK stringent ethical standards
- Strong company ethics, to ensure all clients can be totally confident their project is in safe hands

## **ANTIBODY PRODUCTION SERVICES**

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Antibody Production Services is a division of Life Science Group Ltd.

**QUALITY TRACEABILITY INTEGRITY**