

Scientific Justification

It is a requirement under the **Animal (Scientific Procedures) Act 1986** to provide justification for the use of Animals for Antibody Production. The Home Office also requires that all proposals go to an Ethical Review panel for assessment.

APS will require a Justification Application to be completed for each project. The information required includes a lay summary of the research work in a manner that can be understood by someone from outside the scientific community, the scientific background demonstrating the current knowledge in this area and the gaps in this knowledge that this project is designed to complete together with the objectives and potential benefits of the project.

The Justification is then assessed as part of the ethical review process. All requests are forwarded to the Home Office for approval. Below is a summary of what is required:

- A brief summary about the target antigen
- An explanation as to why this specific antibody is required
- Background of the scientific study
- Potential benefits. It is important to explain how the work will benefit the community.

Applications

Antibodies are typically made for the following purposes:

- a. The prevention (whether by the testing of any product or otherwise) or the diagnosis or treatment of disease, ill health or abnormality, or their effects, in man, animals or plants.
- b. The assessment, detection, regulation or modification of physiological conditions in man, animals or plants.
- c. The protection of the natural environment in the interests of the health or welfare of man or animals.
- d. The advancement of knowledge in biological or behavioural science.
- e. Education or training other than in primary or secondary schools.
- f. Forensic enquiries
- g. The breeding of animals for experimental or other scientific use.

An example copy of a completed **Scientific Justification Form** is available on request.

Support

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

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