

## Antibodies 2005 Survey

### 1. In what type of institution do you work?

Private Research  
Government  
Biotech  
Pharmaceutical  
Clinical Diagnostic Testing  
Academic  
Other

### 2. Which title best applies?

Professor/Instructor  
Process Engineer  
Business Development Director/Manager  
Research Director/VP of Research  
Department Head  
Technician/Research Assistant  
Account Manager  
Graduate Student  
Staff Scientist  
Principal Investigator  
President/CEO/Owner/VP  
Lab Director/Chief Scientist  
Postdoctoral Fellow  
Procurement Manager  
Consultant  
Other

### 3. Which best describes your purchasing authority?

Authorize  
Recommend  
Evaluate  
No Purchase Role

### 4. What is your principle area of research or work? (check all that apply)

Bioinformatics  
Microbiology/Virology  
Immunology  
Genomics/Genetics  
Cell Biology  
Diagnostics/Pathology  
Drug Discovery  
Administration  
Biochemistry  
Marketing/Sales

Pharmacology/Toxicology  
Molecular Biology  
Bioengineering  
Neuroscience  
Proteomics  
Purchasing  
None of the Above  
Other (please specify)

**5. Do you work with antibodies?**

Yes

No (exited from survey)

**6. What types of antibody-based applications do you perform or plan to perform? (check all that apply)**

ELISA/EIA  
Western Blot  
Cell Enrichment  
Dot Blot  
Gel Shift  
Affinity Purification  
Immunofluorescence  
FACS/Flow Cytometry  
Radioimmunoassay  
ELISPOT  
Immunocytochemistry  
Multiplex Assay  
Immunoprecipitation  
In vivo Functional  
Immunohistochemistry  
Protein/Antibody Arrays  
Electron Microscopy  
Radial Immunodiffusion  
Blocking/Inhibition

**7. Which of the following types of antibodies do you use? (check all that apply)**

Angiogenesis  
Modification State Specific (phosphor, acetyl, methyl)  
Stem Cell Markers  
Cell Cycle  
CD Markers  
DNA Damage and Repair  
Neurobiology  
Secondary/Ig Specific  
Cytoskeleton  
Cell Adhesion  
Infectious Disease

Translational Control  
Nuclear Function  
Apoptosis  
Cytokines and Growth Factors  
Transcription Factors/Regulation  
Cell Signaling/Signal Transduction  
None of the Above  
Other (please specify)

**8. From which company(s) do you purchase the antibody type(s) you chose in question 7? (A separate question is given for each antibody type chosen)**

Bethyl  
Calbiochem  
Upstate  
Santa Cruz Biotechnology  
Cell Signaling Technology  
BioSource  
Novus Biologicals  
Quantum Dot  
Sigma  
Jackson Immunoresearch  
Invitrogen (Zymed/Caltag/Molecular Probes)  
Chemicon  
Serotec  
Biogenesis/Antibodies by Design  
BD Biosciences  
Abcam  
Covance Research Products  
Affinity Bioreagents (ABR)  
Lab Vision  
R&D Systems  
Other (please specify)

**9. How often do you purchase antibodies?**

Daily  
A few times a week  
Weekly  
A few times a month  
Monthly  
A few times a year  
Yearly  
Less than once a year  
None of the above

**10. How often do you purchase an antibody you have never purchased before?**

(For example, a new antigen, a new conjugate or a new species)

Daily

A few times a week

Weekly

A few times a month

Monthly

A few times a year

Yearly

Less than once a year

None of the above

**11. Which of the following best describes your typical antibody purchase?**

I shop around only when purchasing an antibody not available from my usual supplier

I shop around every time I purchase an antibody

I always purchase from the same supplier

None of the above

**12. When shopping for antibodies what do you look for? (check all that apply)**

Fastest delivery

Best price

Widest Selection (hard-to-find antibodies)

Trusted Brand Name

Highest Quality

Other (please specify)

**13. Which of the following would you identify as the biggest technical problem with your antibody-based methods?**

Lack of sufficient specificity

Lack of available antibodies which are sufficiently specific

Non-availability of direct conjugates

Methods are not sufficiently quantitative

Antibodies to certain targets are not available

Other (please specify)

**14. Where do you look for antibodies? (check all that apply)**

Abcam

Sciqwest

Biocompare

MSRS

Linscott's Directory of Immunological and Biological Reagents

Email newsletters

Conferences

Google

Journal advertisements

Antibody supplier catalogs

LabVelocity

AfCS Antibody Database  
Colleague referral  
SelectScience  
Antibody supplier websites  
BioResearchOnline  
Antibodyresource  
Journal references  
Other (please specify)

**15. What type of CUSTOM services do you use or plan to use? (check all that apply)**

Ascites hybridoma expansion  
Polyclonal antibody development  
Antibody purification  
Antibody conjugation  
Immunohistochemistry  
Assay development  
In vitro hybridoma expansion  
Monoclonal antibody development  
Stable cell line development  
Custom plate coating  
Animal housing and care  
Peptide synthesis

**16. Have you considered using custom recombinant monoclonal antibodies?**

Yes: I have used them  
Yes: I have considered it but decided not to use them  
No: I have never used them

**17. Why did you decide not to use recombinant monoclonal antibodies? (open-ended)**

**18. How do you prefer to obtain technical support?**

Email  
Telephone  
Online

**19. Are there antibodies against specific targets for which you have not been able to find a supplier?**

Yes  
No

**20. Please list 1 to 3 specific targets for which you have not been able to find an antibody. (open-ended)**

If no target is a particular protein modification, please specify amino acid and residue number.

Target 1 \_\_\_\_\_

Target 2 \_\_\_\_\_

Target 3 \_\_\_\_\_

**21. Do you prefer to use directly conjugated primary antibodies or conjugated secondary antibodies?**

Directly conjugated primary antibodies

Conjugated secondary antibodies

**22. Which of the following commercially available secondary antibody conjugates would you use in your research? (check all that apply)**

Streptavidin

Alkaline Phosphatase (AP)

Horse Radish Peroxidase (HRP)

Quantum Dots

Alexa Dye

PE

CyDye

IRDyes

APC

Biotin

I do not purchase commercially available secondary antibodies – I perform secondary antibody conjugation myself

I do not use secondary antibodies

Other (please specify)

**23. Which of the following directly conjugated primary antibody types would you use in your research? (check all that apply)**

Angiogenesis

Modification State Specific (phosphor, acetyl, methyl)

Stem Cell Markers

Cell Cycle

CD Markers

DNA Damage and Repair

Neurobiology

Secondary/Ig Specific

Cytoskeleton

Cell Adhesion

Infectious Disease

Translational Control

Nuclear Function

Apoptosis

Cytokines and Growth Factors

Transcription Factors/Regulation

Cell Signaling/Signal Transduction

I do not/would not use directly conjugated primary antibodies

Other (please specify)