

2007 Antibody Survey

Click this link to take the survey:

<http://www.globaltestmarket.com/survey/s.phtml?sn=68076&demo=1&lang=E>

This is demonstration version so your answers will not be recorded with the final results.

1. Do you currently use antibodies in your research or work?

Yes

No (*exited from survey*)

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

| | Currently Use | Plan to Use |
|---|---------------|-------------|
| Affinity Purification | | |
| Blocking/Neutralize | | |
| ChIP | | |
| Electron Microscopy | | |
| ELISA/EIA | | |
| Flow Cytometry | | |
| Functional Assay | | |
| Gel Shift | | |
| Immunocytochemistry | | |
| Immunodiffusion | | |
| Immunofluorescence | | |
| Immunohistochemistry | | |
| Immunoprecipitation | | |
| IRMA | | |
| Radioimmunoassay | | |
| Western Blot | | |
| Other (Please specify) | | |
| None of the above - <i>exited from survey</i> | | |

3. Please estimate how many antibody-based applications you perform on a weekly basis. (e.g. western blots, immunoassays, affinity purifications, etc.) *open-ended*

4. How do you expect this number to change over the next 12 months?

Increase by > 50%

Increase by 25% - 50%

Increase by 10 - 25%

Increase by 1% - 10%

No change

Decrease by 1% - 10%

Decrease by 10% - 25%
Decrease by 25% - 50%
Decrease by > 50%

5. 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
Never

6. How often do you purchase the following antibodies you have never purchased before? (separate set of response options for each one)

- A New Antigen
- A New Conjugate
- 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
Never

7. 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

8. What are the top three criteria you use when shopping for a new antibody?

Best price
Colleague recommendation
Fastest delivery
Low cross-reactivity
Published data
Specificity
Sensitivity
Trusted brand name
Widest selection (hard-to-find antibodies)
Other (please specify)

9. What are the top companies that come to mind when you think of antibodies? (Please list as many as you can) *open-ended*

10. Which of the following types of antibodies do you use? (Select all that apply)

- Angiogenesis
- Apoptosis/Tumor Suppressor
- CD and Cell Surface Markers
- Cell Cycle
- Cell Signaling/Signal Transduction
- Cytokines and Growth Factors
- Cytoskeleton
- DNA Damage and Repair
- Epitope-tagged (e.g. anti-His)
- Extracellular Matrix and Cell Adhesion
- Infectious Disease
- Intracellular Compartment
- Membrane Transporter/Protein
- Modification State Specific (phosphor, acetyl, methyl)
- Neurobiology
- Nuclear Function
- Secondary/Immunoglobulin Specific
- Stem Cells
- Transcription Factors/Regulation
- Translational Control
- Other (please specify)

11. From which company(s) do you purchase those antibody type(s)? (A separate question is given for each antibody type chosen)

- Internal preparation/made in-house
- Abcam
- AbD Serotec
- Abnova
- Acris
- Affinity Bioreagents (ABR)
- Assay Designs/Stressgen
- BACHEM
- Beckman Coulter
- BD Biosciences Pharmingen
- BD Biosciences – Immunocytometry Systems
- Bethyl
- BioDesign
- BioLegend
- BIOTREND
- Cayman Chemical
- Cell Signaling Technology
- CHEMICON/Upstate (now Millipore)
- Covance Research Products

- Dako
- eBioscience
- EMD Biosciences
- GenWay Biotech
- Invitrogen (Zymed/Caltag/Molecular Probes/BioSource)
- Jackson Immunoresearch
- MBL
- Novus Biologicals
- Orbigen
- PeptoTech
- R&D Systems
- Rockland Immunochemicals
- Santa Cruz Biotechnology
- Sigma
- Thermo Scientific (LabVision/Endogen/Fisher)
- Don't know/can't remember
- Other (please specify)

12. How would you rate the following product and service characteristics of the antibody suppliers you selected? (Only the selected suppliers will appear)

| Supplier | Antibody Sensitivity | Antibody Specificity | Value | Usefulness of Website | Technical Support |
|--|---------------------------------|----------------------|-------|-----------------------|-------------------|
| Abcam | <i>See drop down list below</i> | | | | |
| AbD Serotec | | | | | |
| Abnova | | | | | |
| Acris | | | | | |
| Affinity Bioreagents (ABR) | | | | | |
| Assay Designs/Stressgen | | | | | |
| BACHEM | | | | | |
| Beckman Coulter | | | | | |
| BD Biosciences Pharmingen | | | | | |
| BD Biosciences – Immunocytometry Systems | | | | | |
| Bethyl | | | | | |
| BioDesign | | | | | |
| BioLegend | | | | | |
| BIOTREND | | | | | |
| Cayman Chemical | | | | | |
| Cell Signaling Technology | | | | | |
| CHEMICON/Upstate (now Millipore) | | | | | |
| Covance Research Products | | | | | |
| Dako | | | | | |
| eBioscience | | | | | |
| EMD Biosciences/Calbiochem | | | | | |
| GenWay Biotech | | | | | |
| Invitrogen | | | | | |

| | | | | | |
|--|--|--|--|--|--|
| (Zymed/Caltag/Molecular Probes/BioSource) | | | | | |
| Jackson Immunoresearch | | | | | |
| MBL | | | | | |
| Novus Biologicals | | | | | |
| Orbigen | | | | | |
| PeproTech | | | | | |
| R&D Systems | | | | | |
| Rockland Immunochemicals | | | | | |
| Santa Cruz Biotechnology | | | | | |
| Sigma | | | | | |
| Thermo Scientific (LabVision/Endogen/Fisher) | | | | | |

Drop down list:

- Excellent
- Very good
- Average
- Fair
- Poor
- Don't know

13. How many people are in your lab?

- 1 to 4
- 5 to 10
- 11 to 20
- More than 20

14. Please estimate how much money your laboratory spends on antibodies per month.

- Less than \$500
- \$500 to \$1,000
- \$1,000 to \$2,000
- More than \$2,000

15. What type of CUSTOM services do you use or plan to use? (Select 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
- Other (Please specify)

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

- Yes

No

17. Are there antibodies to certain species for which you have not been able to find a supplier?

Yes

No

18. Are there antibodies for particular applications for which you have not been able to find a supplier?

Yes

No

19. 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 _____

20. Please name at least one antibody and species for which you can't find a supplier.

Antibody _____

Species _____

Antibody _____

Species _____

Antibody _____

Species _____

21. Please name at least one antibody and application for which you can't find a supplier.

Antibody _____

Application _____

Antibody _____

Application _____

Antibody _____

Application _____

22. 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)

23. How often do you call or email a supplier for technical help with an antibody?

| | A few times a week | A few times a month | A few times a year | Less than once a year | Never |
|------------|--------------------|---------------------|--------------------|-----------------------|-------|
| Phone call | | | | | |
| Email | | | | | |

24. Please rate the following characteristics of an antibody supplier's web content.

| | Very important | Somewhat important | Not important |
|--|----------------|--------------------|---------------|
| Comprehensive reference materials (pathways, protocols, etc) | | | |
| Online promotions | | | |
| New product listings | | | |
| Product validation data | | | |
| eCommerce capability | | | |
| Relevant search results | | | |
| Available pricing information | | | |

25. Assume the quality of an antibody (i.e. specificity, sensitivity) is the same among suppliers.

Please rate the following characteristics on how important each is in your decision to purchase from one supplier over another.

| | Very important | Somewhat important | Not important |
|--|----------------|--------------------|---------------|
| Price | | | |
| Online resources (e.g. protocols, application notes) | | | |
| Availability of samples | | | |
| Published results | | | |
| Helpful technical support | | | |

26. Which of the following commercially available secondary antibody conjugates do you prefer to use? (Select all that apply)

Streptavidin

Alkaline Phosphatase (AP)

Horse Radish Peroxidase (HRP)

Quantum Dots

Alexa Dye

PE

CyDye

IRDyes

FITC/fluorescein

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)

27. Do you currently use or plan to use bulk quantities of antibodies?

Currently use

Plan to use – within 6 months

Plan to use – within 12 months

Plan to use – in more than 12 months
Do not use or plan to use – *skip to 29*

28. What is the antigen and species of the bulk antibody you use or plan to use? (e.g. Mouse anti-human CD42a) (open-ended)

29. Where do you look for antibodies? (Select all that apply)

AfCS Antibody Database
Antibody Resource Page
Biocompare
BioResearchOnline
BioWizard
Colleague referral
Conferences
Email newsletters
Google
Journal advertisements
Journal references
Linscott's Directory of Immunological and Biological Reagents
MSRS
Sciquest
SelectScience
Supplier catalogs
Supplier websites
Other (please specify)

Demographic Questions

30. In what type of institution do you work?

Private Research
Government
Biotech
Pharmaceutical
Clinical/Hospital
Academic
Other

31. Which title best applies?

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

Procurement Manager/Purchasing Agent
Consultant
Research Associate
Lab Manage/Supervisor
Other (Please specify)

32. Which best describes your purchasing authority?

Authorize
Recommend
Evaluate
No Purchase Role

33. Which of the following are your key areas of research or work? (Select 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
Cell Signaling
Other (please specify)