

# Together, we can achieve something new

**What unites the life science  
community is what drives  
us at Abcam.**



**That's why we're constantly developing innovative reagents  
and solutions that help push research forward.**



## Recombinant antibodies

- Confirmed specificity through extensive validation
- Batch-to-batch consistency
- Directly conjugated and carrier-free versions are ideal for labeling studies



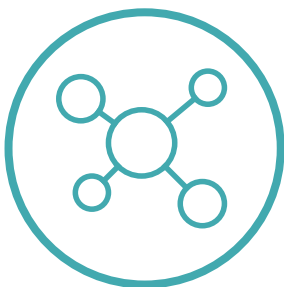
## SimpleStep ELISA<sup>®</sup> and matched antibody pairs

- 4x faster than a standard ELISA with reduced hands-on time and one wash step
- 96- or 384-well formats
- Recombinant antibodies for exceptional specificity



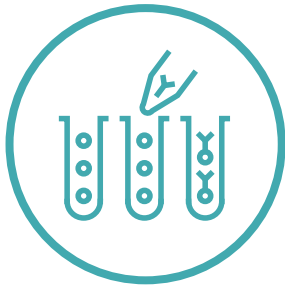
## Bioactive proteins

- Mammalian-expressed for human cell culture studies
- Stringent purity and endotoxin standards
- Validated in mass spectrometry, HPLC, and functional assays



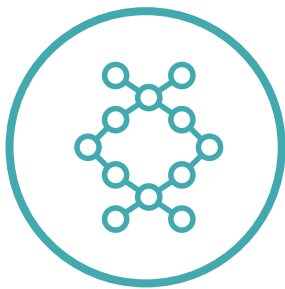
## Biochemical and cell-based assays

- Ready-to-use and bulk assays for metabolism, cell signaling, cell viability, epigenetics, and more
  - Adaptable microplate assays for plate readers, flow cytometry, and imaging
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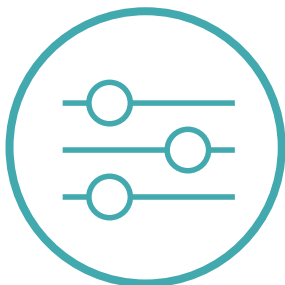
## Conjugation kits and services

- 30 seconds of hands-on time
- Consistent conjugation from 10µg to 100mg of antibody
- Over 50 labels, including fluorescent proteins, gold nanoparticles, and enzymes



## Cell engineering

- Ready-made knock-out cell lines and lysates
- Physiologically relevant
- Knock-out confirmed by genomic and proteomic validation



## Customization services

- Work with our expert in-house teams to create bespoke tools
  - Customize proteomic reagents, kits, and gene-edited cell lines to meet your needs
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# We provide reagents and services from ideation to clinical trials

## Catalog

|                                     | Basic research or disease studies | Target ID and validation | Compound screening and lead discovery | Lead optimization | Pre-clinical development | Clinical trials | Biomarker discovery and validation | DX development, verification and validation |
|-------------------------------------|-----------------------------------|--------------------------|---------------------------------------|-------------------|--------------------------|-----------------|------------------------------------|---|
| Recombinant antibodies              | ✓                                 | ✓                        |                                       |                   | ✓                        | ✓               | ✓                                  | ✓   |
| Carrier-free recombinant antibodies |                                   | ✓                        | ✓                                     | ✓                 |                          |                 | ✓                                  | ✓   |
| SimpleStep ELISA®                   | ✓                                 | ✓                        | ✓                                     | ✓                 |                          |                 |                                    |   |
| Matched antibody pairs              |                                   | ✓                        | ✓                                     |                   |                          |                 | ✓                                  | ✓   |
| Bioactive proteins                  | ✓                                 |                          | ✓                                     | ✓                 |                          | ✓               | ✓                                  | ✓   |
| Cell-based & Biochemical assays     | ✓                                 | ✓                        |                                       | ✓                 | ✓                        |                 |                                    |   |
| Conjugation kits                    | ✓                                 | ✓                        |                                       | ✓                 |                          |                 |                                    |   |
| Gene-edited cell lines              | ✓                                 | ✓                        |                                       | ✓                 | ✓                        | ✓               | ✓                                  |   |
| Biochemicals                        | ✓                                 |                          |                                       | ✓                 |                          |                 |                                    |   |

## Custom

|                                    |   |   |  |   |   |   |   |   |
|------------------------------------|---|---|--|---|---|---|---|---|
| Antibody discovery and development |   | ✓ |  |   | ✓ | ✓ | ✓ | ✓ |
| Gene editing and generation        |   | ✓ |  |   | ✓ | ✓ |   | ✓ |
| Antibody labeling                  | ✓ | ✓ |  | ✓ |   |   |   | ✓ |
| Protein discovery                  |   |   |  |   |   | ✓ |   | ✓ |

Science is a journey, and, together, we can get there faster.

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