



# ZooMab® recombinant monoclonal antibodies

reproducible, sustainable, and animal-free

AH diagnostics

You may already know the pros and cons of Polyclonal and Monoclonal antibodies. So, how do Recombinant antibodies differ from Monoclonal antibodies produced in hybridoma cell lines?

It's all about the technique.

Recombinant antibodies are antibody fragments produced by expressing recombinant antibody coding genes in mammalian cells.

## Flexibility

The production of monoclonal antibodies is no longer limited to a small number of species as the constructs can combine the variable region (epitope binding) from one species with the species and isotype defining region from species other than the antibody origin.

## Reproducibility

Unlike hybridomas, recombinant antibodies are not susceptible to contamination, genetic drift or accidental loss. With a known sequence, recombinant antibodies can always be reproduced for further use.

## Animal free

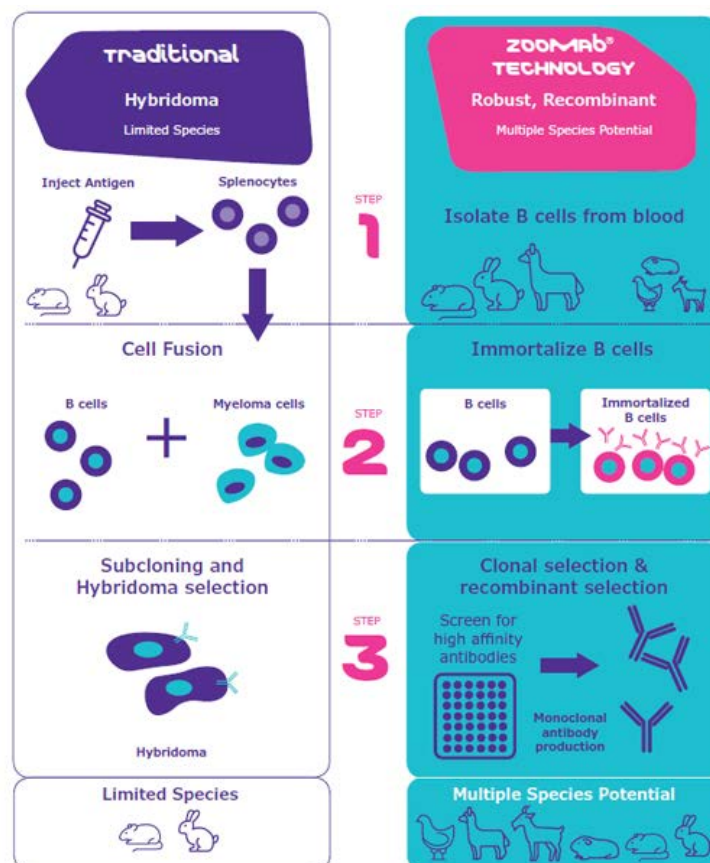
The recombinant technique also allows production of animal-free antibodies. Animal free antibodies offer higher reproducibility, improved specificity, and reduced batch-to-batch variation, addressing common challenges in biomedical research and diagnostics.

Right now, you can try out the ZooMab range with a great discount!  
Purchase any ZooMab recombinant monoclonal antibody and get 25% off!\*

## What is ZooMab?

- Made with recombinant technique making it possible to produce monoclonal antibodies from a much wider "Zoological" range of species
- No host sacrifice needed
- Reproducible – High lot-to-lot consistency
- Selected high performing clones
- Stable. Lyophilized for long term stability and storage
- Pure. Free of animal components, BSA, biocides such as sodium azide, and preservatives
- Multiple package sizes so you never buy more than you need
- ACT label and the first-ever antibody to be recognized for low-environmental impact by My Green Lab\*

\*Read the full press release from Merck [HERE](#).



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\*This campaign is valid until March 31, 2025. Offers cannot be combined with other discounts. We are not liable for typographical errors.