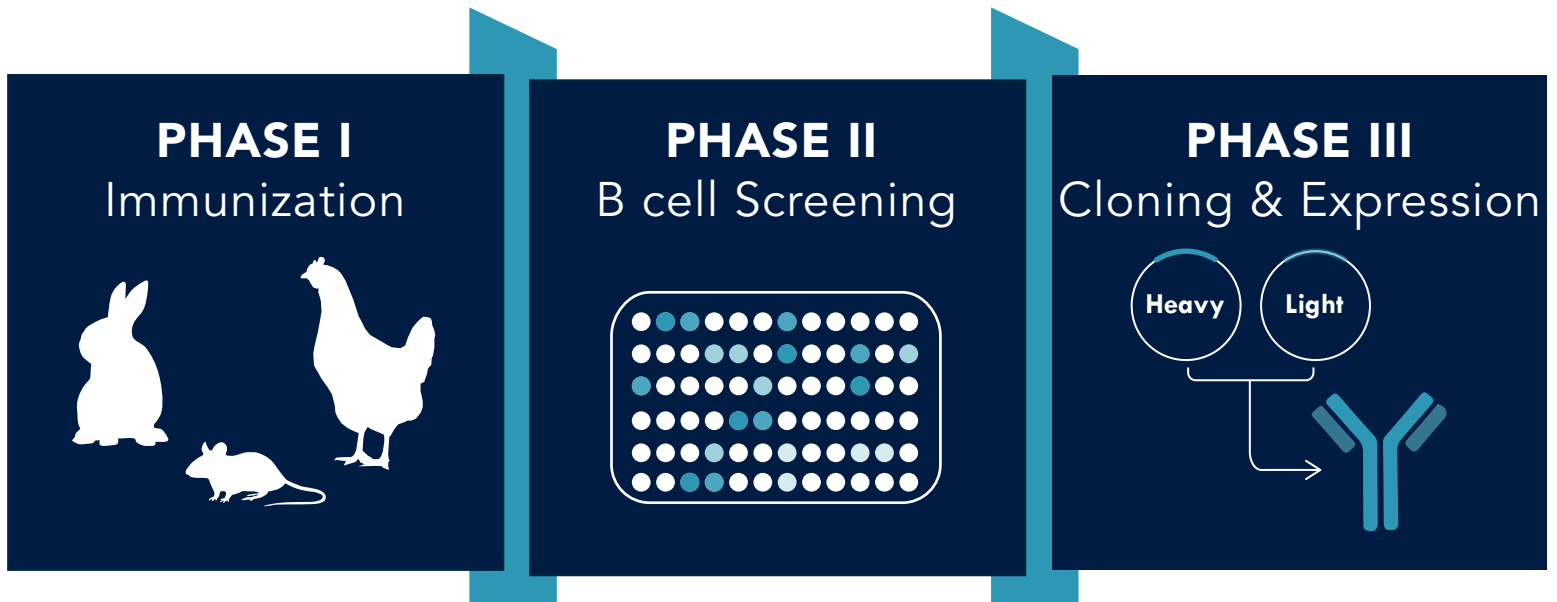


WE DELIVER THE TRUE B CELL ADVANTAGE



B cell Select™:

- Species agnostic platform
- Broader epitope coverage
- Maintains native heavy and light chain pairing
- Early functional data from primary B cell supernatant
- In-house humanization service

Request a **Free Target Analysis** with our Experts.

Contact: solutions@immunoprecise.com | +31 412 846 000 or +1 800-620-4187

Phosphopeptide Case Study



Utilizing B cell Select™

Objective

To apply ImmunoPrecise Antibodies' B cell Select™ technology to screen B cells from immunized rabbits and deliver antibodies with distinct binding profiles to distinguish different forms of the target peptide:

Non-phosphorylated



Single-phosphorylated



Double-phosphorylated



Project Phases

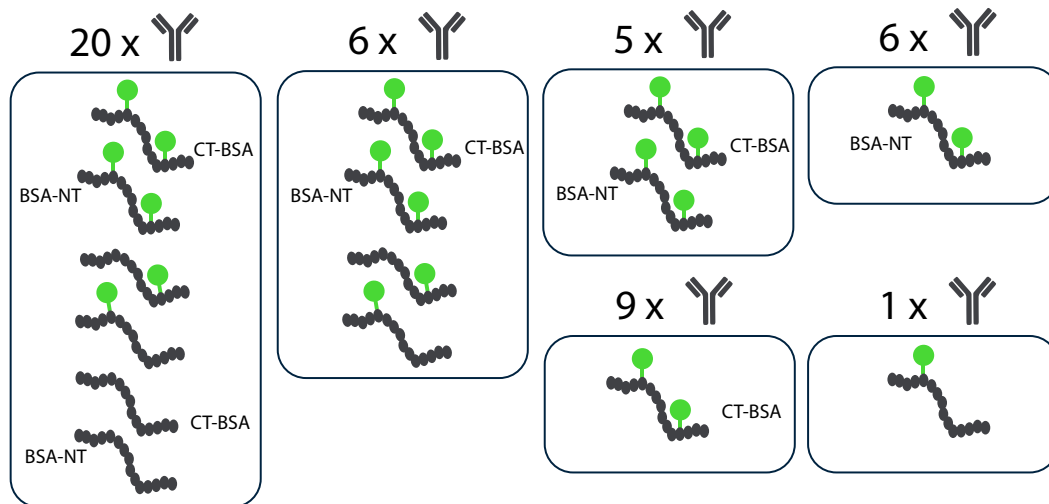
Receipt of whole blood from immunized rabbits

B cell enrichment and initial screening of 40x96-well plates

Stepwise indirect ELISA screening on the various peptide forms

B cell Select™ Results

- 60 positive hits were obtained from the initial B cell screening
- Positive hits were further characterized with 47 antibodies being binned into 6 different binding profiles based on reactivity to the various peptide forms



Conclusion

ImmunoPrecise delivered highly specific antibodies with a diverse range of binding profiles, exceeding the client's expectations.