**Antibody Recognition Specificity**

Antibody recognition specificities were assessed using a citrullination assay. The assay involved the enzymatic citrullination of human proteins with rabbit PAD, followed by mAb-reactivity analysis. The assay utilized a microarray-based approach to screen mAbs against citrullinated proteins, revealing a high degree of cross-reactivity among various citrullinated autoantigens. This finding underscores the need for a more comprehensive understanding of antibody specificity and the potential for broad-based immune responses to citrullinated epitopes.

**Conclusion**

The results of this study highlight the significant cross-reactivity among various citrullinated autoantigens, suggesting a need for further investigation into the mechanisms underlying antibody recognition and specificity. This work underscores the importance of developing targeted therapeutic strategies for managing autoimmune conditions, particularly those mediated by Antibody Autoantibodies in RA.

**Disclosure of Interests**

The authors declare no conflict of interest.

**References**