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## Anti-human/mouse PrP antibody (TW1 clone) hybridoma cells

**This novel monoclonal anti-PrP antibody (TW1) has an epitope on PrP that is similar to that of 6D11. Hybridoma TW1 cells can generate antibodies that can be used in a mouse model of AD with tau pathology, by targeting the tau oligomer to PrPC interaction.**

Previously, it has been reported that short-term treatment with an anti-PrP antibody, 6D11, in AD model APP/PS1 mice can dramatically reverse behavioral deficits without affecting the amyloid burden by blocking the A $\beta$ o/PrPC interaction. TW1 is a novel monoclonal antibody (mAb) raised against a non-denatured PK-resistant fragment of PrPSc that was purified from brains of CD-1 mice infected with the 139A mouse-adapted scrapie agent. TW1 reactivity to both PrPSc and recombinant PrPC was tested on Western blots.

### References

1. Boutajangout et al. , <https://pubmed.ncbi.nlm.nih.gov/33716717/>

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### Category

Life Sciences/Materials/Mouse Models

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