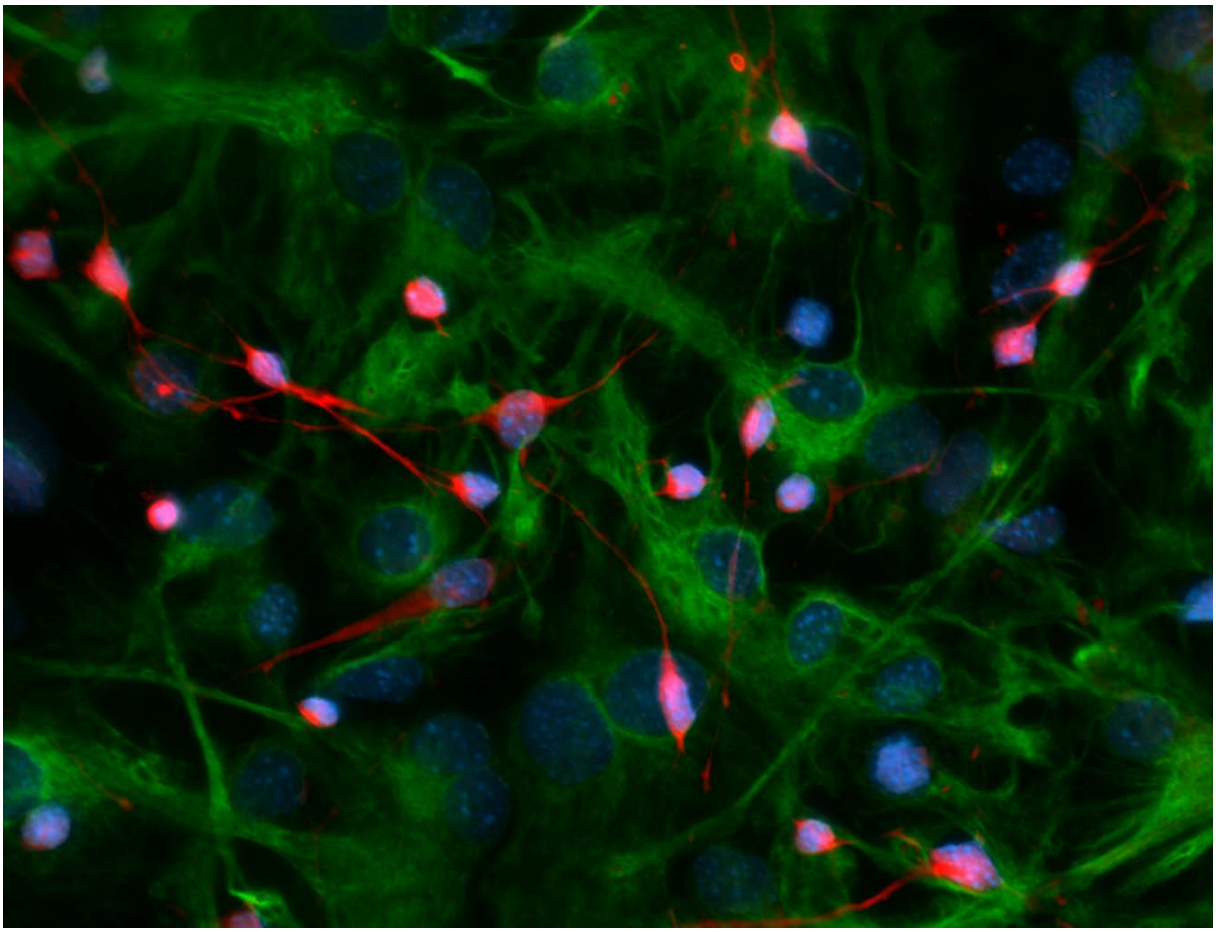
Enabling Legendary Discovery™

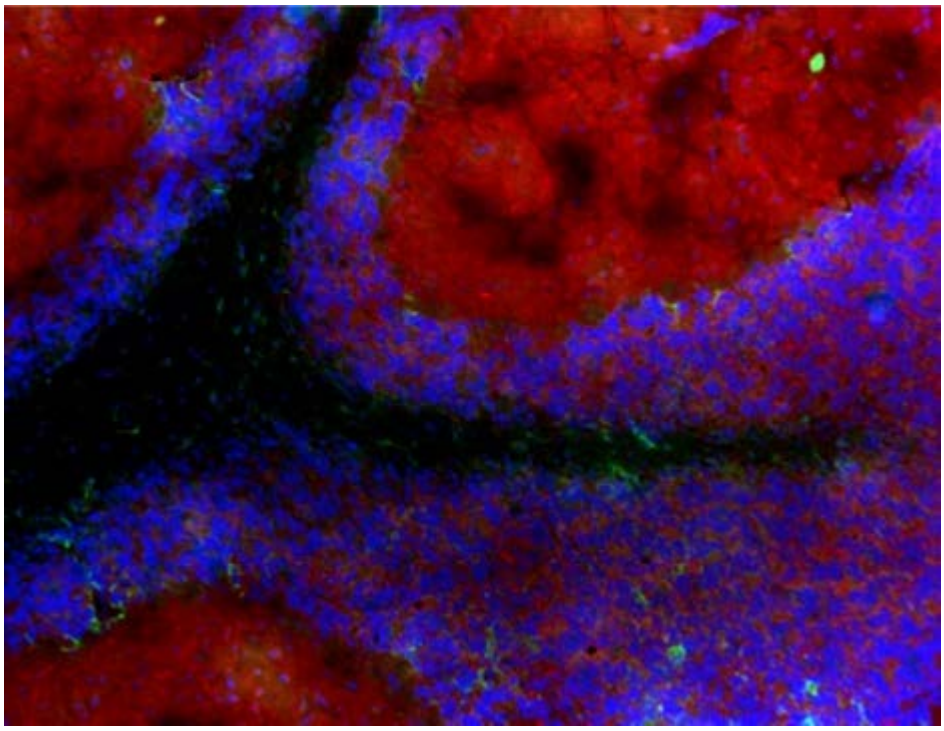
Product Data Sheet Supplement

Alexa Fluor® 594 anti-Tubulin Beta 3 (TUBB3) Antibody



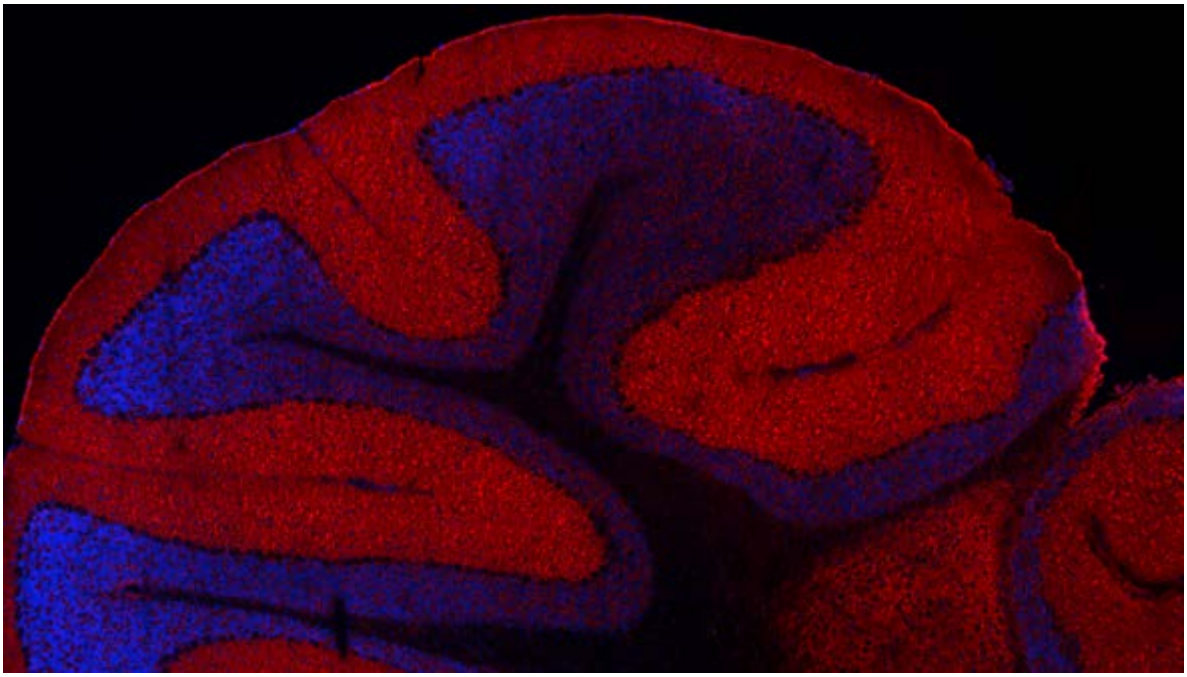
Day-three cultured postnatal C57BL/6 mouse brain cells were fixed with 1% paraformaldehyde (PFA) for ten minutes, permeabilized with 0.5 % Triton X-100 for ten minutes, and blocked with 5% FBS for 30 minutes. Then the cells were stained with 5 µg/ml of Alexa Fluor® 594 anti-Tubulin Beta 3 (TUBB3) (Clone AA10) (shown in red) in blocking buffer, overnight at 4°C, followed by staining with GFAP (shown in green) at room temperature for two hours. Nuclei were counterstained with DAPI (blue). The image was captured with 40X objective.

Alexa Fluor® 594 anti-Tubulin Beta 3 (TUBB3) Antibody



C57BL/6 mouse frozen brain tissue was fixed with 4% paraformaldehyde (PFA) for ten minutes, permeabilized with 0.5 % Triton X-100 for ten minutes, and blocked with 5% FBS for 1 hour. Then the tissue was stained with 1.25 µg/ml of Alexa Fluor® 594 anti-Tubulin Beta 3 (TUBB3) (Clone AA10) (shown in red) and 5 µg/ml of Alexa Fluor® 488 anti-GFAP (Clone 2E1.E9) (shown in green) in blocking buffer, overnight at 4°C. Nuclei were counterstained with DAPI (blue). The image was captured with 10X objective.

Alexa Fluor® 594 anti-Tubulin Beta 3 (TUBB3) Antibody



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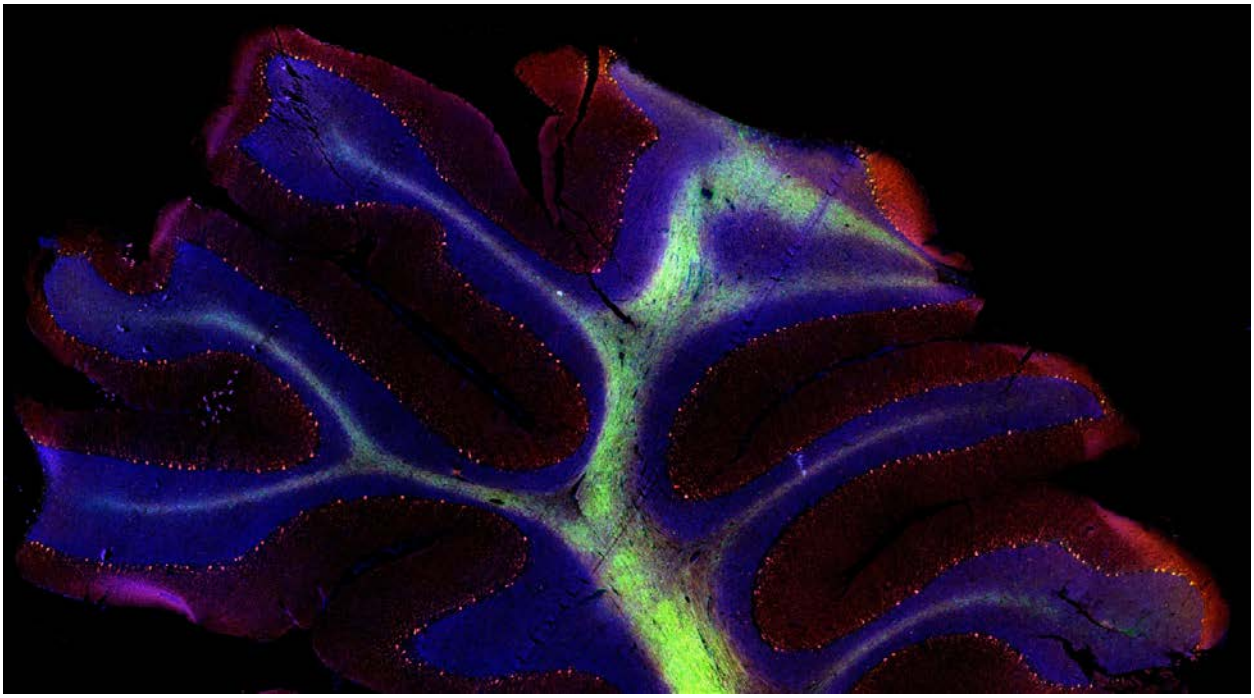
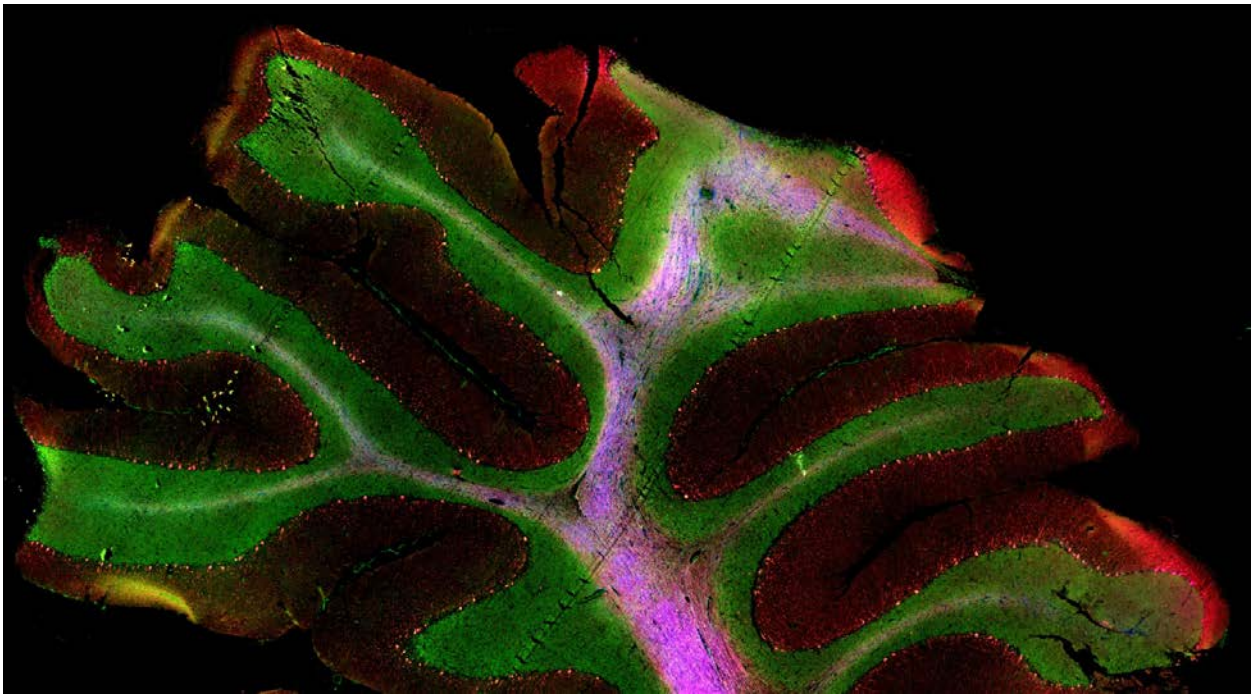
Alexa Fluor® 594 anti-Tubulin Beta 3 (TUBB3) Antibody



Human paraffin-embedded cerebellum tissue slices were prepared with a standard protocol of deparaffinization and rehydration. Antigen retrieval was done with Citrate Buffered 1X (1.0M, pH6.0) at 95°C for 40 minutes. Tissue was washed with PBS/0.05% Tween 20 twice for five minutes and blocked with 5% FBS and 0.2% gelatin for 30 minutes. Then, the tissue was stained with 10µg/mL of Alexa Fluor® 647 anti-GFAP Antibody (Clone 2E1.E9, green) and Alexa Fluor® 594 anti-Tubulin Beta 3 (TUBB3) Antibody (Clone AA10, red) antibody overnight at 4°C. Nuclei were counterstained with DAPI (blue). The image was scanned with a 10X objective and stitched with MetaMorph® software.

Alexa Fluor® 594 anti-Tubulin Beta 3 (TUBB3) Antibody



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