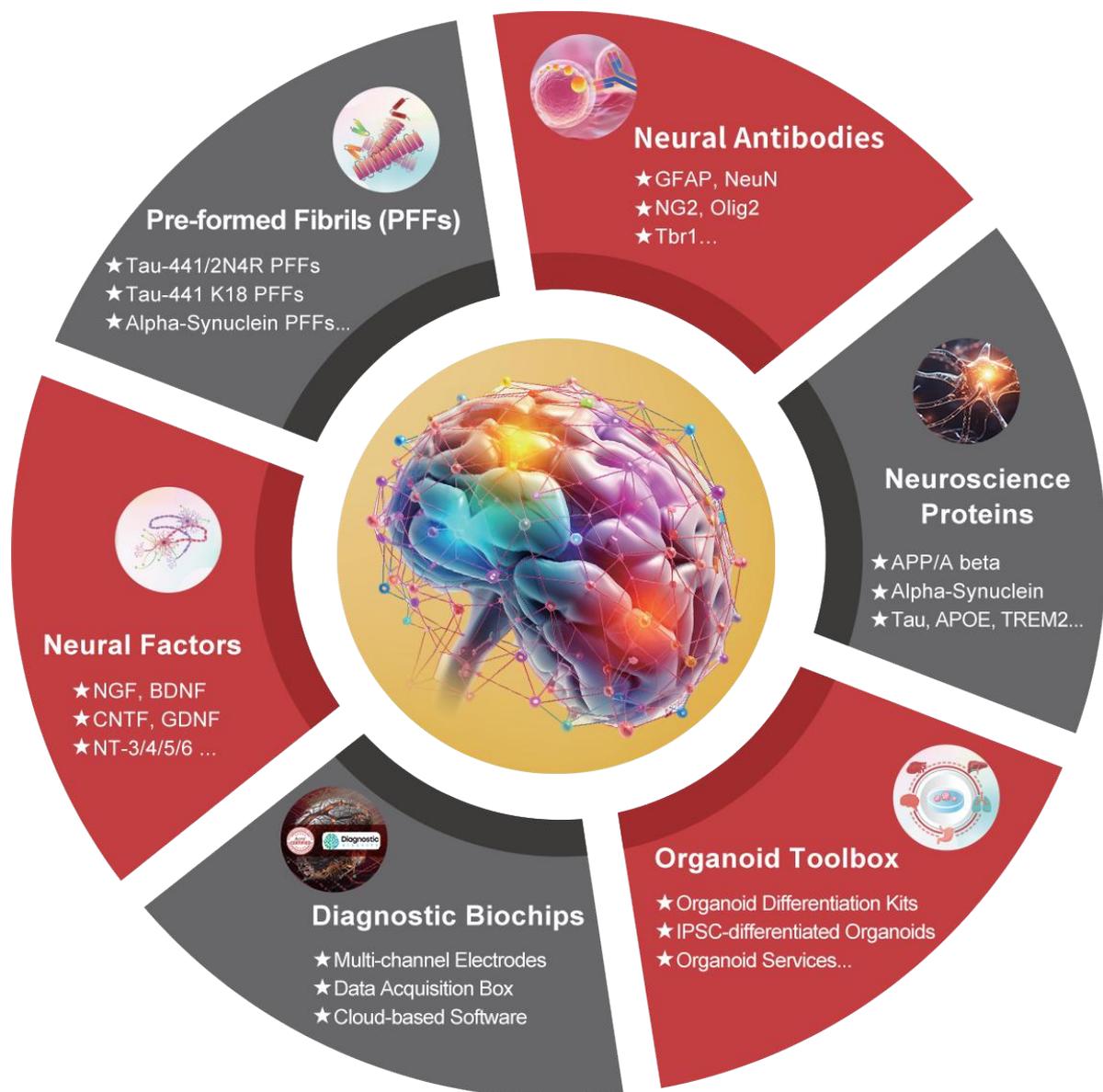


Offering Neuroscience Solutions to assist with **N**euroscience Research

「Aneuro」は、神経科学研究の発展と革新的なソリューションとして ACROBiosystems 社の先駆的ブランドです。

Aneuro の製品には、治療研究用のターゲット タンパク質、診断研究用のバイオマーカー タンパク質、神経変性のモデリング用のプリフォーム フィブリル (PFF)、細胞培養用の神経因子、神経細胞識別用の抗体、生体内電気生理学記録用のソリューションなどがあります。さらに、Aneuro は特定のニーズに合わせたカスタマイズサービスも提供しています。



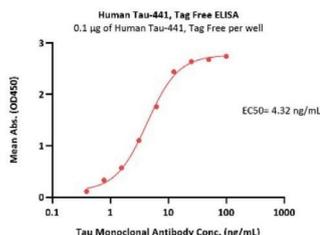
"Aneuro" については QR コード読込でご覧いただけます。

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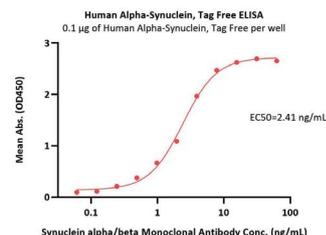


検証データの一例

• Tau and Alpha-Synuclein Bioactivity (ELISA)

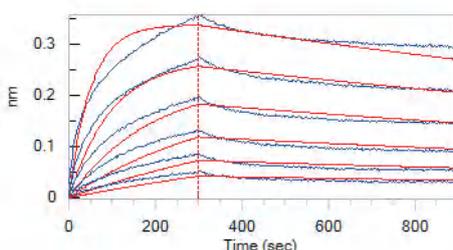


Immobilized Human Tau-441, Tag Free (Cat. No. **TAU-H5117**) at 1 $\mu\text{g/mL}$ (100 $\mu\text{L/well}$) can bind Tau Monoclonal Antibody with a linear range of 0.4-6 ng/mL (QC tested).



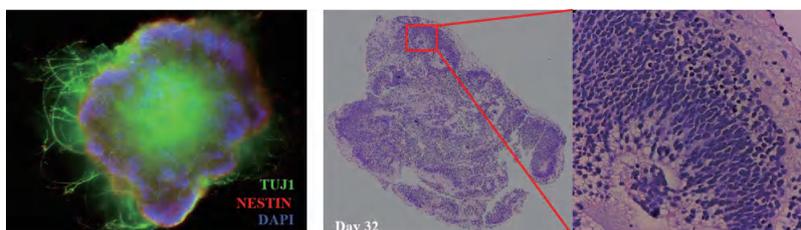
Immobilized Human Alpha-Synuclein, Tag Free (Cat. No. **ALN-H5214**) at 1 $\mu\text{g/mL}$ (100 $\mu\text{L/well}$) can bind Synuclein alpha/beta Monoclonal Antibody with a linear range of 0.1-8 ng/mL (QC tested).

• TREM2 Bioactivity (BLI)



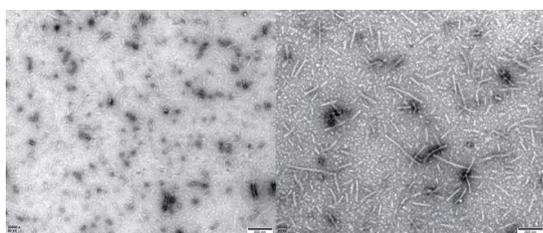
Loaded Human TREM2, Mouse IgG2a Fc Tag (Cat. No. **TR2-H5256**) on Protein A Biosensor, can bind Human APOE4, His Tag (Cat. No. **APE-H52H9**) with an affinity constant of 37.6 nM as determined in BLI assay (ForteBio Octet Red96e) (QC tested).

•オルガノイド培養のための BDNF と GDNF



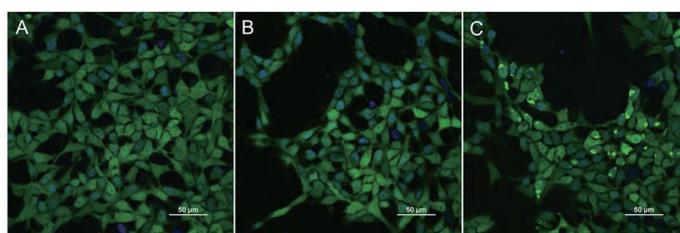
iPSC-derived human cerebral organoids (Cat. No. **CIPO-BWL001K**) were cultured for 36 days with BDNF (Cat. No. **BDF-H5219**) and GDNF (Cat. No. **GDF-H5219**). These organoids expressed the neuron marker TUJ1 (green) and the neuron stem cell marker NESTIN (red), H&E staining showed the cerebral organoids had classic neuron stem cell rosettes histology.

• PFFs Structure (TEM)



Transmission electron microscopy (TEM) of Tau-441 preformed fibrils (Cat. No. **TAU-H5115**). Fibril structure is visible on negative stain TEM images of TAU-H5115 (Routinely tested).

• PFFs Bioactivity (Cell-based Assay)



Human Tau-441 Pre-formed Fibrils, Tag Free (Cat. No. **TAU-H5115**) induced significant protein aggregation in the cytoplasm of HEK293/Human Tau (GFP) Stable Cell Line (Cat. No. **CHEK-ATP087**).

オルガノイドに関するアンケートご記入でラマドールをゲット!

