nanoString

NEFH

Intermediate filaments, neurons

### Antibody Information

Clone ID	NF-01
Fluorophore	AF594
Antibody Concentration	2 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Mouse IgG1
Lot Tested	533157-111521-AF594

Immunofluorescent Screening Information

Tissue Type	FrF Human brain
Section Thickness	5 µm
HIER	10 min 100℃
Proteinase K Concentration	1 µg/mL
Fixation/Embedding	fresh frozen / OCT

Vendor Information

Vendor	Novus
Catalog Number/Web Link	NB500-416AF594
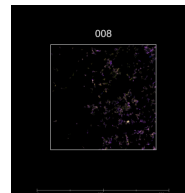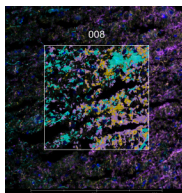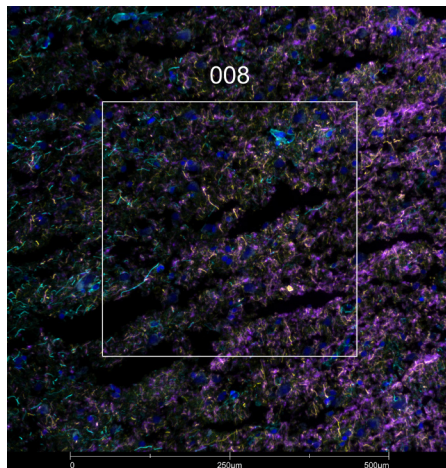
NEFH (yellow) localizes to intermediate filaments/neurons in human brain (left image). The expression pattern of these NEFH+ neurons can be isolated from GFAP+ astrocytes (cyan) and MBP+ neurons (purple) through GeoMx segmentation (right image).

Legend

NEFH: yellow   MBP: purple
GFAP: cyan   SYTO13: grey
Segmentation for NEFH: yellow
Segmentation for MBP: purple
Segmentation for GFAP: cyan

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	5.3
ROI Type	Geometric or Segmented

* Recommendations above are meant to act as a starting point for your own experimental optimization

For more information, please visit nanostring.com/GeoMxDSP