APP

β Amyloid Alzheimer's diseased brain plaques

Antibody Information

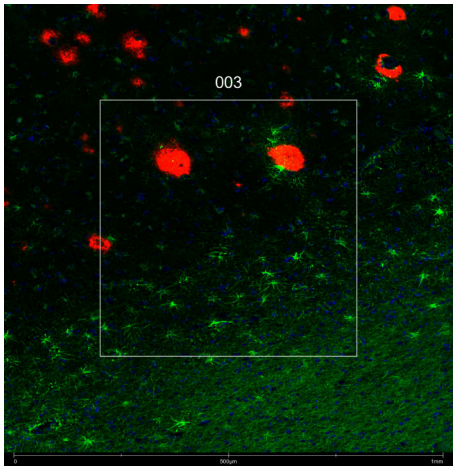
Clone ID	D54D2
Fluorophore	AF647
Antibody Concentration	3 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Rabbit IgG
Lot Tested	1

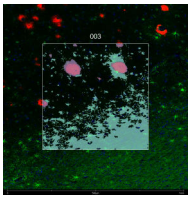
Immunofluorescent Screening Information

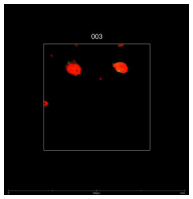
Tissue Type	FFPE Human Alzheimer's diseased brain
Section Thickness	5 µm
HIER	10 min 100˚C
Proteinase K Concentration	1 µg/mL
Fixation/Embedding	FFPE

Vendor Information

Vendor	Cell Signaling Technology
Catalog Number/Web Link	42284







APP (red) localizes to β amyloid plaques in a human Alzheimer's diseased brain (left image). The expression pattern of these APP+ β amyloid plaques can be isolated from GFAP+ astrocytes (green) through GeoMx segmentation (right image).

Legend

β Amyloid: red
GFAP: green
SYTO13: blue
Segmentation for β Amyloid: purple
Segmentation for GFAP: cyan

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	54.6
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

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