APP

β Amyloid Alzheimer's diseased brain plaques

Antibody Information

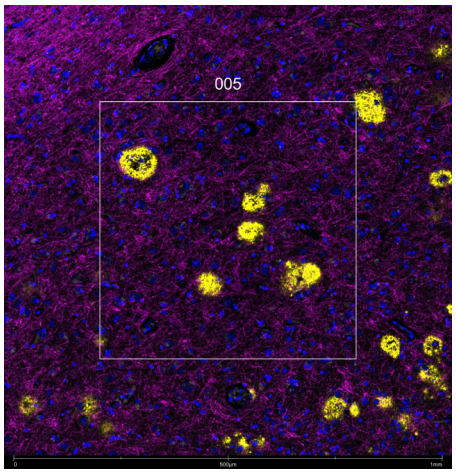
Clone ID	D54D2
Fluorophore	AF488
Antibody Concentration	3 µg/mL
Mono or Polyclonal	Mono
Host & Isotype	Rabbit IgG
Lot Tested	2

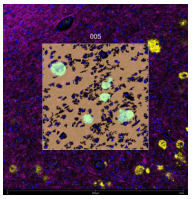
Immunofluorescent Screening Information

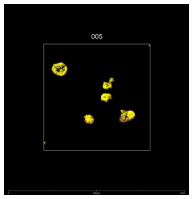
Tissue Type	FFPE Human Alzheimer's diseased brain
Section Thickness	5 µm
HIER	10 min 100˚C
Proteinase K Concentration	1 µg/mL
Fixation/Embedding	FFPE

Vendor Information

Vendor	Cell Signaling Technology
Catalog Number/Web Link	#51374







APP (yellow) 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 MBP+ neurons (magenta) through GeoMx segmentation (right image).

Legend

β Amyloid: yellow
MBP: magenta
SYTO13: blue
Segmentation for β Amyloid: cyan

Stained Image Data

Exposure Time	300 ms
Signal-to-Noise	6.9
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

NanoString Technologies, Inc.
530 Fairview Avenue North
Seattle, Washington 98109
T (888) 358-6266
F (206) 378-6288
nanostring.com
info@nanostring.com

Sales Contacts
United States **us.sales@nanostring.com**
EMEA: **europe.sales@nanostring.com**
Asia Pacific & Japan **apac.sales@nanostring.com**
Other Regions **info@nanostring.com**