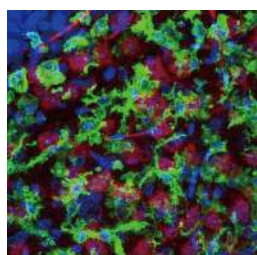


Tools for Neuroscience

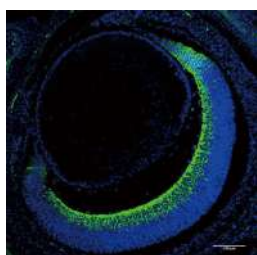
1. Primary Antibody

| Marker | Catalog # | Species | Clonality | Applications |
|---------------------------------|-------------|----------------|-----------|-----------------------------------|
| Acetylcholinesterase/ACHE | NBP2-22449 | H M R + | Mono | WB, ICC, IHC, ELISA, FC, GS, IP |
| AIF-1/Iba1 | NB100-1028 | H M R + | Poly | WB, ICC, IHC, PEP-ELISA |
| ALDH1L1 (Clone 2E7) | NBP2-50033 | H M R + | Mono | WB, ICC |
| Astrocytomas (Clone J1-31) | NBP2-29820 | H R | Mono | WB, ICC, IHC |
| CD11b/Integrin α M | NB110-89474 | H M R + | Poly | WB, ICC, IHC, FC, SW |
| Choline Acetyltransferase/ ChAT | NBP1-30052 | H M R + | Poly | WB, ICC, IHC |
| Connexin 43/GJA1 | NB100-81867 | H M R | Poly | WB, IHC |
| Dopa Decarboxylase/DDC | NBP1-56918 | H M | Poly | WB, IHC |
| Dopamine β -Hydroxylase | NBP1-31386 | H M R | Poly | WB, ICC, IHC |
| EAAT1/GLAST-1/SLC1A3 | NB100-1869 | H M R + | Poly | WB, ICC, IHC, ELISA, FC |
| EAAT2/GLT1 | NBP1-20136 | H M R | Poly | WB, ICC, IHC, FC, IV |
| Galectin-3 | NB300-538 | H M R + | Mono | WB, ICC, IHC, ELISA, FC |
| GAP-43 | NB300-143 | H M R + | Poly | WB, ICC, IHC |
| GFAP | NB300-141 | H M R + | Poly | WB, ICC, IHC, SW |
| Glutamine Synthetase | NB110-41404 | H M R + | Poly | WB, IHC |
| GRIN1/NMDAR1 | NB300-118 | H M R | Mono | WB, ICC, IHC, IP |
| GRIN2B/NMDAR2B | NB300-106 | H M R | Poly | WB, ICC, IHC, FC, IP |
| MAP2 | NBP1-92711 | H M R + | Mono | WB, ICC |
| Mer | NBP2-58025 | H | Poly | ICC |
| Neurexin 3/NRXN3 | NBP2-93379 | H M R | Poly | WB |
| | NBP1-88424 | H M R | Poly | IHC |
| Neurologin 1/NLGN1 | NBP2-42192 | H M R | Mono | WB, ICC, IHC |
| Neurologin 2/NLGN2 | NBP2-41299 | H M R | Poly | WB, ICC, IHC, ELISA |
| Neurophilin-1 | NBP2-67539 | H M R | Mono | WB, ICC, IHC, FC, IP |
| Notch-1 | NB100-78486 | H M | Mono | WB, ICC, IHC, CyTOF, FC |
| Nurr1/NGFI-B β /NR4A2 | NB110-40415 | H M R | Poly | WB, IHC, IP |
| S100B | NBP2-45224 | H M R + | Mono | WB, ICC, IHC, FC |
| SOX9 | NBP1-85551 | H M R + | Poly | WB, ICC, IHC |
| Survivin | NB500-201 | H M R + | Poly | WB, ICC, IHC, ChIP, ELISA, FC, IP |
| Synapsin I | NB300-104 | H M R + | Poly | WB, ICC, IHC, IP |
| Synapsin II | NBP2-58134 | H M R | Poly | ICC |
| Tau | NB100-82245 | H M R | Poly | WB, ICC, IHC |
| TPH-1 | NB300-176 | H M R (Rb -ve) | Poly | WB, IHC |
| Tyrosine Hydroxylase | NB300-109 | H M R + | Poly | WB, ICC, IHC, SW |
| β -III Tubulin | NB100-1612 | H M R | Poly | WB, ICC, IHC |

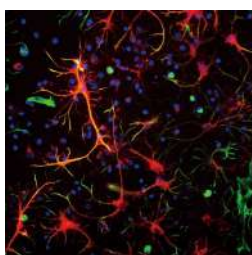
Species – H: Human, M: Mouse, R: Rat, +:Others / Application – WB: Western blot, FC: Flow Cytometry



Sample: Neuron-glia cell mixed
ALDH1L1 (NBP2-50033)
Vimentin (NB300-223)



Sample: Mouse E15.5
GAP-43 (NB300-143)



Sample: Glioblastoma cells
AIF-1/Iba1 (NB100-1028)
NeuN

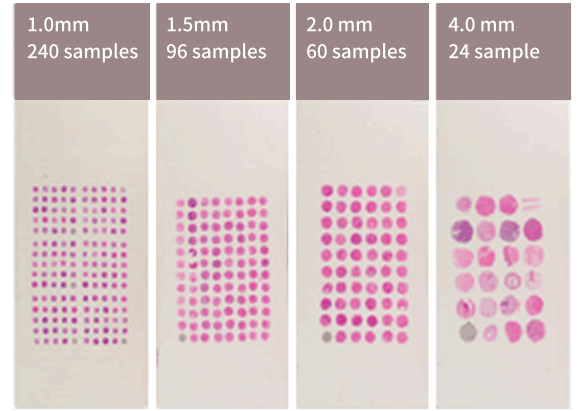
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02.881.5432



2. Tissue Microarray (TMA); 한 개의 slide에 여러 개의 tissue를 제공

| Cat# | Species | Tissue type | No. of tissue/slide |
|------------|---------|----------------|---------------------|
| NBP2-78122 | H | Multi (AD) | 7 |
| NBP2-78119 | H | Multi (AD) | |
| NBP2-78121 | H | Multi (AD) | |
| NBP2-78129 | H | Multi (AD) | 7 |
| NBP2-78112 | M | Brain (Normal) | 6 |
| NBP2-78062 | H | Brain (Normal) | 7 |
| NBP2-78096 | Multi | Brain (Normal) | 11 |
| NBP2-78061 | H | Brain (Normal) | 7 |
| NBP2-78063 | H | Brain (Normal) | 7 |
| NBP2-42038 | Multi | Brain (Normal) | 11 |
| NBP2-42039 | Multi | Brain (Normal) | 11 |



3. Brain Tissue Slide; 한 개의 slide에 한 개의 tissue를 제공



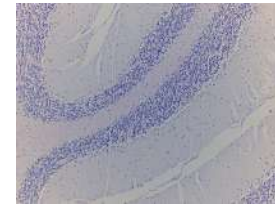
Normal



Alzheimer's Disease



Parkinson's Disease



Cerebellum Tissue Slides (Alzheimer's)
Cat# NBP2-77823



Dementia



Depression



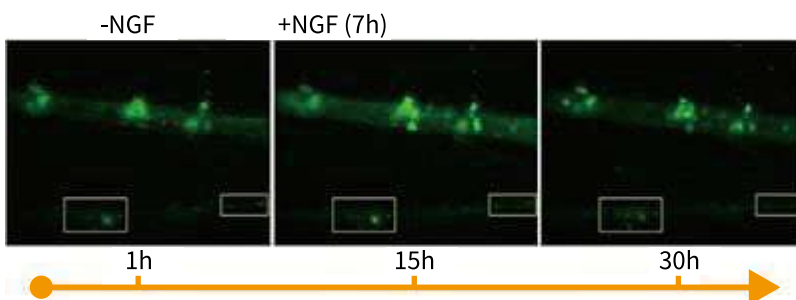
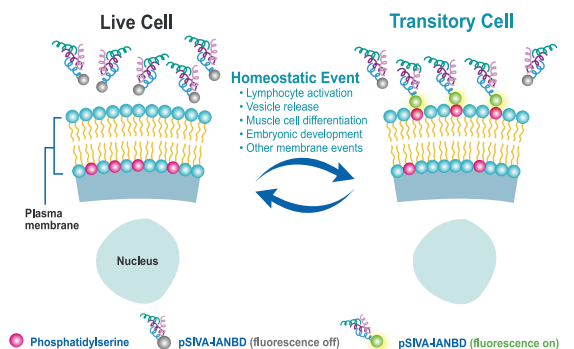
Multiple Sclerosis



Brain Cerebellum Tissue Slides (Normal)
Cat# NBP2-77520

4. pSIVA Apoptosis Detection Kit

- Order information: Cat# **NBP2-29382**
- Phosphatidylserine에 binding 했을 때만 형광 turn on
- 실시간 apoptosis 확인 가능: Live cell imaging



Rescue of dying neurons: NGF withdrawal leads to cell death and pSIVA-IANBD(TM) fluorescence. Addition of NGF eventually rescues some neurons as shown by the loss of pSIVA-IANBD(TM) fluorescence (30h boxes)