

# Neuroscience

## Biological Tools for Your Research

Amyloid  
Cytokines  
Hormones  
Kinases  
Neuropeptides  
Receptors  
Transcription Factors

### Antibodies

Cytokines	BDNF, CNTF, GDNF, Nestin, Neurturin, Neurotrophins, NGF-beta
Cytoskeleton	GAP43, GFAP, NF, Tau, Tubulins
Hormones	ACTH, Adrenomedullin, CGRP, CRF, hCG, Estradiol-17-beta, GHRF, PHM
Myelin	MAG, MBP, MOG, Neurofascin, PMP-22, PSEN, Synuclein
Neurotransmitters	AChE, BChE, ChAT, DBH, DDC, NOS
Receptors	ADRA, APP, Artemin, BK Channel, CHRM1, CHRNA1, DAD1, GABRA1, GFR-alpha-1, mGluR1, HTR1, KATPC, Lgi4, MTR-1A, NF2, NGFR, NKR, NMDAR, Nociceptin Receptor, NOGO-R, NR2A, NR2B, Substance K/P Receptors, Tmr2
Signal Transduction	AKT, CDK5, Deltex-1, EphA/B, GRK2, LRRK2, Nestin, PSD-95, TRKs
Transcription Factors	c-Fos, c-Jun, CREB1, ER alpha/beta, NFkB, Notch, Nurr1, p53, PML, Rb, SLUG

### Proteins

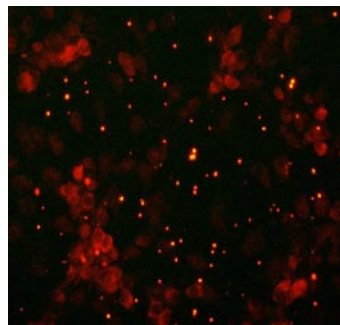
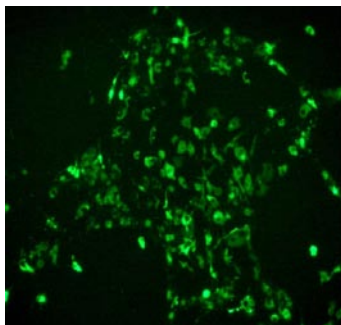
Cytokines	BDNF, CNTF, EGF, bFGF, GDNF, IL-3, NGF-Beta, Sonic Hedgehog, TNF-alpha
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### Peptides

Amyloids	Beta Amyloid [1-40], Beta Amyloid [1-42], Beta Amyloid [25-35], MBPs
Hormones	CGRP, CRF, Eledoisin, GHRF, Kassinin, Leu-Enkephalin, TRH
Neuropeptides	Allatostatin, Apamin, BINP, Buccalin, CARP, Cerebellin, Cortistatin 14, Kyotorphin, M35, Neurokinin A/B, Neuropeptide FF/K/Y/Gamma, Neuromedins, Neurotensin, Octaneuropeptide, Proctolin, Substance K/P
Opioids	Alpha/beta-Endorphins, Crystalline, DAGO, Dermorphin, Deltorphin, Endomorphin, Hemorphin-7, Met-enkephalin, Nociceptin, Peptide B/F

### Lipodin™ Protein Delivery Reagents

- Study living cells, no fixation needed
- Deliver in many cell lines and primary cells including neurons
- Up to 95% efficiency in less than 5 hours
- Serum compatible, non cytotoxic



Fluorescently-labeled antibodies (left: AlexaFluor 488; right: AlexaFluor 546) were mixed with Lipodin-Ab reagent and incubated 24 hours with a co-culture of primary neurons and primary glial cells from rat in 35mm dishes. Cells were observed unfixed by fluorescence microscopy.



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