**1st antibodies**

・Mouse Monoclonal anti-b-galactosidase (Z3781, Promega): 100 µg, \6,000

・Rabbit anti-CGRP (PC205L, Millipore)

・Rabbit anti-CGRP (Y340, ペプチド研 (Wako)): 50 µl \36,750

・Monoclonal anti-CD11b (MCA275R, AbD Serotec)

・Mouse Monoclonal anti-CaMKIIalpha (mAB8699, clone 6G9, Millipore)

・Mouse Monoclonal anti-Cre (MAB3120, Millipore)

\*Rabbit anti-ChAT poly (AB143, merckmillipore)

・Goat anti-CTB (#703, LBL (フナコシ)): 0.1 ml \12,000

・Rabbit anti-c-Fos (PC38 (Ab-5), Millipore)

・Rabbit anti-c-Fos (ABE457, Millipore): 0.1 ml, 269 USD

https://www.emdmillipore.com/US/en/product/Anti-c-Fos-Antibody,MM\_NF-ABE457

・Rabbit anti-DsRed (#632496, Clonetech): 100 µl \77,000

・Rabbit anti-GAC67/65 (GAD-Rb-Af260)

・Goad anti-GAD67/65 (GAD-Go-Af240): 20 µg \36,750

・Rabbit anti-GAP43 (AB5220, Millipore)

・Monoclonal anti-GFAP (MAB360, Millipore)

・Rb, GP, Go anti-GFAP (フロンティア)

・Rb, GP, Go anti-GFP (フロンティア)

・Rabbit anti-GFP (Kyoto Univ.)

・Rabbit anti-GluA3 (GluR3C-Rb-Af1090): 20 µg \36,750

・Rabbit anti-Iba1 (019-19741, Wako)

・Goat anti-MAP2 (MAP2-Go-Af860): 20 µg \36,750

・Monoclonal anti-NeuN (MAB377, Millipore)

・Rabbit anti-NeuN (ABN78, Millipore): 100 µg, \69,000

・Rabbit anti-NPY (IHC-7172, Peninsula Lab.)

・Rabbit anti-NK1R (AB5060, Millipore)

・Rabbit anti-NK1R (AB5897, Millipore)

・Guinea pig anti-panAMPA (panAMPAR-GP-Af580) : 20 µg \36,750

・Rb, Gp, Go-anti PV (eg. PV-Rb-Af750)

・Rabbit anti-PSD95 (PSD95-Rb-Af628) : 20 µg \36,750

・Rabbit anti-RFP (600-401-379, Rockland): 100 µg \39,000

・Monoclonal anti-S100 (MAB079-1, Millipore)

・Monoclonal anti-S100 (ab7852, Abcam)

*・Rabbit anti-S100 (Z0311, Dako) (no longer available)*

・Rabbit anti-SubP (AB1566, Millipore)

・Rabbit anti-VGluT1 (VGluT1-Rb-Af500): 20 µg \36,750

・Guinea pig anti-VGluT1 (VGluT1-GP-Af570): 20 µg \36,750

・Rabbit anti-VGluT2 (VGluT2-Rb-Af720): 20 µg \36,750

・Guinea pig anti-VGluT2 (VGluT2-GP-Af240, 670, 810):

20 µg \36,750 (納入価\31,237) 50 µg \68,250 (納入価\58,012)

**2nd antibodies**

・Alexa Fluor 405 Donkey anti-Goat IgG (ab175664) 0.5 mg \23,000

・Alexa Fluor 488 Donkey anti-Goat IgG (A-11055) 0.5 ml \39,100

・Alexa Fluor 633 Donkey anti-Goat IgG (A-21082) 0.5 ml \39,100

・NL 637 Donkey anti-Goat IgG (NL002) 0.5 ml \24,000

・Alexa Fluor 647 Donkey anti-Goat IgG (A-21447) 0.5 ml \39,100

・Biotinylated Donkey anti-Goat IgG absorbed (ab7124) 0.5 mg \29,000

・DSB-biotin Donkey anti-Goat IgG (D20698) 0.5 ml \33,000

・Alexa Fluor 488 Donkey anti-Guinea pig IgG (706-545-148) 0.5 mg

・Alexa Fluor 594 Donkey anti-Mouse IgG (A-21203)

・Alexa Fluor 405 Donkey anti-Rabbit IgG (ab175651) 0.5 mg \23,000

・Alexa Fluor 488 Donkey anti-Rabbit IgG (A-21206) 0.5 ml \39,100

・Alexa Fluor 568 Donkey anti-Rabbit IgG (A-10042) 0.5 ml

・NL637 Donkey anti-Rabbit IgG (NL005) 0.5 ml \24,000

・Alexa Fluor 647 Donkey anti-Rabbit IgG (A-31573) 0.5 ml \39,100

・Biotinylated Donkey anti-Rabbit IgG absorbed (ab7082) 0.5 mg \29,000

・Alexa Fluor 488 Goat anti-Guinea pig IgG (A-11073)

・Alexa Fluor 633 Goat anti-Guinea pig IgG (A-21105): 0.5 ml \42,100

・Alexa Fluor 350 Goat anti-Mouse IgG (A-21049)

・HiLyte Fluor 405 Goat anti-Mouse IgG (61057-05-H405) 0.5mg \14,000

・Alexa Fluor 405 Goat anti-Mouse IgG (ab175660) 0.5 mg \23,000

・Alexa Fluor 488 Goat anti-Mouse IgG (A-11029)

・Alexa Fluor 555 Goat anti-Mouse IgG (A-21424)

・Alexa Fluor 594 Goat anti-Mouse IgG (A-11032)

・Alexa Fluor 633 Goat anti-Mouse IgG (A-21052) 0.5 ml

・Atto 633 Goat anti-Mouse IgG (78102) 1 ml \40,400

・Biotinylated Goat anti-Mouse IgG (55587)

・Biotinylated Goat anti-Mouse IgG (BA-9200) 1.5 mg

・Pacific Blue Goat anti-Rabbit IgG (P100994): 0.5 ml \34,000

・HiLyte Fluor 405 Goat anti-Rabbit IgG (61056-05-H405) 0.5 mg \14,000

・Alexa Fluor 488 Goat anti-Rabbit IgG (A-11034)

・Alexa Fluor 555 Goat anti-Rabbit IgG (A-21429)

・Alexa Fluor 594 Goat anti-Rabbit IgG (A-11037)

・Alexa Fluor 633 Goat anti-Rabbit IgG (A-21071) 0.5 ml

・Atto 633 Goat anti-Rabbit IgG (41176) 1 ml \46,500

・Biotinylated Goat anti-Rabbit IgG (BA-1000): 1.5 mg

・Biotinylated Horse anti-Mouse IgG (BA-2000): 1.5 mg

・Biotinylated Horse anti-Mouse IgG Rat absorbed (BA-2001): 1.5 mg

・HiLyte Fluor 405 Rabbit anti-Mouse IgG (28165-05-H405) 0.5 mg \13,000

・HiLyte Fluor 405 Rabbit anti-Goat IgG (28168-05-H405) 0.5 mg \13,000

・Biotinylated Rabbit anti-Goat IgG (BA-5000): 1.5 mg

・Biotinylated Rabbit anti-Sheep IgG (BA-6000): 1.5 mg

**Avidin Streptavidin**

・Avidin-Texas Red (BA-612-5)

・Streptavidin-Alexa Fluor 405

・Streptavidin-Alexa Fluor 430

・Streptavidin-Alexa Fluor 488 (S-11223, Invitrogen)

・Streptavidin-Alexa Fluor 555 (S-21381, Invitrogen)

・Streptavidin-Texas Red (SA-5006, Vector; 43-4317, ZYMED)

・Streptavidin-Alexa Fluor 633 (S-21375, Invitrogen)

・Streptavidin-NL-637 (NL998)

**Neurotrace Fluoro Nissl**

Catalog Ex. Em.

NeuroTrace Blue N-21479 435 nm 455 nm

NeuroTrace Green N-21480 500 nm 525 nm

NeuroTrace Yellow N-21481 515 nm 535 nm

NeuroTrace Red N-21482 530 nm 615 nm

NeuroTrace Deep red N-21483 640 nm 660 nm