

Product Datasheet

Anti-NPY2R Antibody FL490 Conjugate



Overview

Catalog #	75-460-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2a
Clone Number	L119/106
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC, IHC
Species Reactivity	Human, Mouse, and Rat
Immunogen	Fusion protein amino acids 1-51 (extracellular N-terminus) and 330-381 (cytoplasmic C-terminus) of human NPY2R, produced recombinantly in E. Coli
Molecular Weight	45 kDa
Cite this Antibody	Antibodies Inc Cat# 75-460-FL490, RRID: AB_2940532

Details

Target Description	Neuropeptide Y Receptor Y2 is encoded by the gene NPY2R. NPY2R is a member of the G-protein coupled receptor 1 family. NPY2R is a receptor for neuropeptide Y and peptide YY. NPY2R is expressed in the brain. Diseases associated with NPY2R include Cocaine Dependence and Nephronophthisis 4.
Specificity	No cross-reactivity reported
Purification Method	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Quality Control Tests	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
Storage	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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