

Product Datasheet

Anti-Gamma-Protocadherin-B2 Antibody FL650 Conjugate

NeuroMab



KO Validated

Overview

Catalog #	75-184-FL650
Conjugate	FL650 Ex: 655 nm, Em: 676 nm
Isotype	IgG1
Clone Number	N148/30
Size	200 μ L
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC
Species Reactivity	Mouse
Immunogen	Fusion protein amino acids 719-804 (variable cytoplasmic domain) of mouse Gamma-protocadherin-B2 (accession number Q91XX7) produced recombinantly in E. Coli
Molecular Weight	100 kDa
Cite this Antibody	Antibodies Inc Cat# 75-184-FL650, RRID: AB_2939683

Details

Target Description	Protocadherin Gamma Subfamily B, 2 is encoded by the gene PCDHGB2. PCDHGB2 is a member of the protocadherin gamma gene cluster. PCDHGB2 is a neural cadherin-like cell adhesion protein that most likely plays a critical role in the establishment and function of specific cell-cell connections in the brain. PCDHGB2 is expressed in the nervous system. Diseases associated with PCDHGB2 include Prune Belly Syndrome.
Specificity	No cross-reactivity against other Gamma-protocadherin-A, -B or -C proteins
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 on cells overexpressing target protein and confirmed to give the expected staining pattern.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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