

Product Datasheet

Anti-Flrt3 Antibody FL490 Conjugate



Overview

Catalog #	75-328-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone Number	N353/13
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
Species Reactivity	Mouse
Immunogen	Fusion protein amino acids 29-526 (extracellular domain) of mouse Flrt3 (accession number Q8BGT1) produced recombinantly in E. Coli
Molecular Weight	73 kDa
Cite this Antibody	Antibodies Inc Cat# 75-328-FL490, RRID: AB_2940136

Details

Target Description	Fibronectin Leucine Rich Transmembrane Protein 3 is encoded by the gene FLRT3. FLRT3 is a member of the fibronectin leucine rich transmembrane (FLRT) family. FLRT3 functions in cell-cell adhesion, cell migration, and axon guidance, exerting an attractive or repulsive role depending on its interaction partners. FLRT3 is expressed in adult brain, embryonic rostral thalamus neurons, and the neonate eye. Diseases associated with FLRT3 included Hypogonadotropic Hypogonadism 21 With or Without Anosmia, Kallmann Syndrome, and Hypogonadotropic Hypogonadism 7 With or Without Anosmia.
Specificity	No cross-reactivity against Flrt1 or Flrt2
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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