

Product Datasheet

Anti-DLX1 Antibody FL490 Conjugate



Overview

Catalog #	75-078-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2a
Clone Number	L43/40
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, IHC
Species Reactivity	Human, Mouse, Rabbit, and Rat
Immunogen	Synthetic peptide amino acids 53-74 (PDGAYSSASSFSRPLGYPVNS) of human DLX1 (accession number P56177)
Molecular Weight	27 kDa
Cite this Antibody	Antibodies Inc Cat# 75-078-FL490, RRID: AB_2939300

Details

Target Description	Homeobox protein DLX-1 or DLX1 is encoded by the gene DLX1 and is a member of the DLX family of homeodomain transcription factors. DLX1 is thought to function as a developmental regulator of signals from members of the TGF- β superfamily. DLX1 is found expressed in the nucleus in brain and hematopoietic cell lines. Diseases associated with DLX1 include Dental Fluorosis, Witkop syndrome and Split-Hand/Foot Malformation 5.
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 $\leq -20^{\circ}\text{C}$ 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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