

Product Datasheet

Anti-PEX7 Antibody FL594 Conjugate



Overview

Catalog #	75-256-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG2b
Clone Number	N232/9
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	Human
Immunogen	Fusion protein amino acids 64-150 (WD1 and WD2 repeat domains) of human PEX7 (accession number O00628) produced recombinantly in E. Coli
Molecular Weight	40 kDa
Cite this Antibody	Antibodies Inc Cat# 75-256-FL594, RRID: AB_2939930

Details

Target Description	Peroxisomal Biogenesis Factor 7 is encoded by the gene PEX7. PEX7 is a member of the WD repeat peroxin-7 family. PEX7 binds to the N-terminal PTS2-type peroxisomal targeting signal and plays an essential role in peroxisomal protein import. PEX7 is ubiquitously expressed with the highest levels in the pancreas, skeletal muscle, and heart. Diseases associated with PEX7 include Rhizomelic Chondrodysplasia Punctata, Type 1 and Peroxisome Biogenesis Disorder 9B.
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 on cells overexpressing target protein and confirmed to give the expected staining pattern.
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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