

## Product Datasheet

## Anti-PEX7 Antibody FL490 Conjugate



## Overview

<b>Catalog #</b>	75-256-FL490
<b>Conjugate</b>	FL490 Ex: 491 nm, Em: 515 nm
<b>Isotype</b>	IgG2b
<b>Clone Number</b>	N232/9
<b>Size</b>	200 µL
<b>Concentration</b>	0.5 mg/mL
<b>Host Species</b>	Mouse Monoclonal
<b>Format</b>	Purified by Protein A chromatography
<b>Buffer</b>	PBS with 0.09% azide
<b>Applications</b>	ICC
<b>Species Reactivity</b>	Human
<b>Immunogen</b>	Fusion protein amino acids 64-150 (WD1 and WD2 repeat domains) of human PEX7 (accession number O00628) produced recombinantly in E. Coli
<b>Molecular Weight</b>	40 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-256-FL490, RRID: AB_2939928

## Details

<b>Target Description</b>	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.
<b>Specificity</b>	No cross-reactivity reported
<b>Purification Method</b>	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.
<b>Quality Control Tests</b>	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.
<b>Storage</b>	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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