

## Product Datasheet

## Anti-PEX6 Antibody FL594 Conjugate



## Overview

<b>Catalog #</b>	75-285-FL594
<b>Conjugate</b>	FL594 Ex: 594 nm, Em: 615 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N233/8
<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 and Rat
<b>Immunogen</b>	Fusion protein amino acids 2-294 (N-terminus) of human PEX6 (accession number Q8BR86-3) produced recombinantly in E. Coli
<b>Molecular Weight</b>	100 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-285-FL594, RRID: AB_2940018

## Details

<b>Target Description</b>	Peroxisomal Biogenesis Factor 6 is encoded by the gene PEX6. PEX6 is a member of the AAA ATPase family. PEX6 is a predominantly cytoplasmic protein, which plays a direct role in peroxisomal protein import and is required for PTS1 receptor activity. PEX6 is expressed in the retina. Diseases associated with PEX6 include Peroxisome Biogenesis Disorder 4A and Heimler Syndrome 2.
<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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