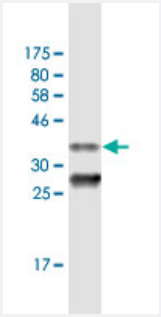
PEX3 monoclonal antibody (M04), clone 3C2

Catalog # H00008504-M04 Size 100 ug

Applications



Western Blot detection against Immunogen (37.07 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PEX3.
Immunogen	PEX3 (NP_003621, 271 a.a. ~ 373 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LESPDFSTVLNTCLNRGFSRLLDNMAEFFRPTEQDLQHGNSMNSLSSVSLPLAKIIPIVNGQIHSVCSETPSHFVQDLLTMEQVKDFAANVYEAFSTPQQLEK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.07 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — PEX3

Entrez GeneID	8504
GeneBank Accession#	NM_003630
Protein Accession#	NP_003621
Gene Name	PEX3
Gene Alias	DKFZp686N14184, FLJ13531, TRG18
Gene Description	peroxisomal biogenesis factor 3
Omim ID	214100 603164
Gene Ontology	Hyperlink
Gene Summary	The product of this gene is involved in peroxisome biosynthesis and integrity. It assembles membr ane vesicles before the matrix proteins are translocated. Peroxins (PEXs) are proteins that are es sential for the assembly of functional peroxisomes. The peroxisome biogenesis disorders (PBDs) are a group of genetically heterogeneous autosomal recessive, lethal diseases characterized by multiple defects in peroxisome function. The peroxisomal biogenesis disorders are a heterogene ous group with at least 14 complementation groups and with more than 1 phenotype being observ ed in cases falling into particular complementation groups. Although the clinical features of PBD p atients vary, cells from all PBD patients exhibit a defect in the import of one or more classes of pe roxisomal matrix proteins into the organelle. Defects in this gene are a cause Zellweger syndrome (ZWS). [provided by RefSeq
Other Designations	OTTHUMP00000017334|OTTHUMP00000040175|peroxin-3|peroxisomal assembly protein PEX 3|transformation-related protein 18