

PEX12 monoclonal antibody (M01), clone 2G6

Catalog # H00005193-M01

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant PEX12.
Immunogen	PEX12 (AAH31085, 1 a.a. ~ 359 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAEHGAHFTAASVADDQPSIFEVVAQDSLMTAVRPALQHVVVKVLAESNPETHYGLWRWFDEIFT LLDLLLQQHYLSRTSASFSENFYGLKRIVMGDTHKSQRLASAGLPKQQLWKSIMFLVLLPYLKVKL EKLVSLLREEDEYSIHPPSSRWKRFYRAFLAAYPFVNMAWEGWFLVQQLRYILGKAQHHSPLRL AGVQLGRLTVQDIQALEHKPAKASMMQQPARSVSEKINSALKKAVGGVALSLSTGLSVGVFFLQ FLDWWYSSSENQETIKSLTALPTPPPVHLDYNSDSPLLPKMKTVCPLCRKTRVNDTVLATSGYVF CYRCVFHYVRSHQACPITGYPTVQHLIKLYSPEN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — PEX12

Entrez GeneID

[5193](#)

GeneBank Accession#	BC031085
Protein Accession#	AAH31085
Gene Name	PEX12
Gene Alias	PAF-3
Gene Description	peroxisomal biogenesis factor 12
Omim ID	601758
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the peroxin-12 family. Peroxins (PEXs) are proteins that are essential 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 heterogeneous group with at least 14 complementation groups and with more than 1 phenotype being observed in cases falling into particular complementation groups. Although the clinical features of PBD patients vary, cells from all PBD patients exhibit a defect in the import of one or more classes of peroxisomal matrix proteins into the organelle. Defects in this gene are a cause of Zellweger syndrome (ZWS). [provided by RefSeq]
Other Designations	peroxin 12 peroxisome assembly factor 3 peroxisome assembly protein 12