Biomatik
Tel: (519) 489-7195, (800) 836-8089
Fax: (519) 231-0140, (877) 221-3515
Email: info@ biomatik.com
https://www.biomatik.com

anti- PEX5 antibody

Product Information

Catalog No.:	CAF50257
Size:	100μg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20℃ for 12 months (Avoid repeated freeze / thaw cycles.)

Background

The product of this gene binds to the C-terminal PTS1-type tripeptide peroxisomal targeting signal (SKL-type) and plays an essential role in peroxisomal protein import. 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 neonatal adrenoleukodystrophy (NALD), a cause of Zellweger syndrome (ZWS) as well as may be a cause of infantile Refsum disease (IRD). Alternatively spliced transcript variants encoding different isoforms have been identified.

Immunogen information

Immunogen:	peroxisomal biogenesis factor 5
Synonyms:	FLJ50634, FLJ50721, FLJ51948, Peroxin 5, Peroxisome receptor 1, PEX5, PTS1 BP, PTS1 receptor, PTS1R, PXR1
Observed MW:	70 kDa
Uniprot ID :	P50542

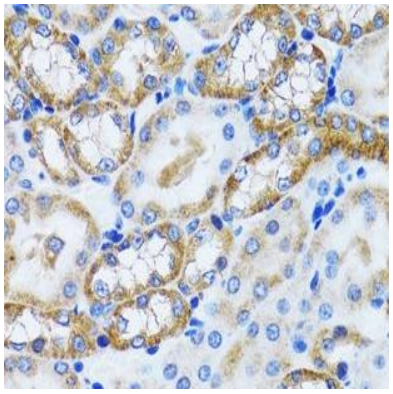
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF

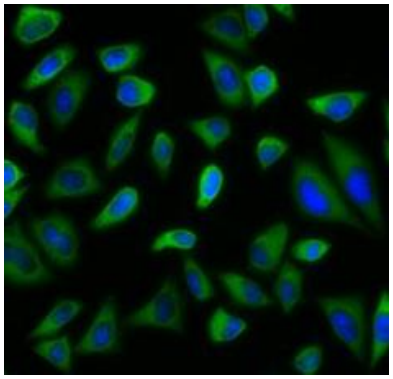
Biomatik
Tel: (519) 489-7195, (800) 836-8089
Fax: (519) 231-0140, (877) 221-3515
Email: info@ biomatik.com
https://www.biomatik.com

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200

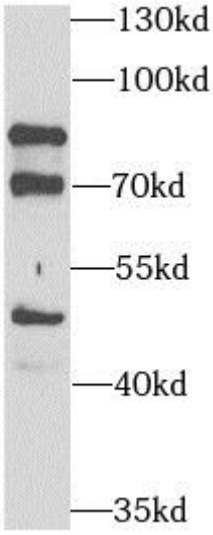
Image:



Immunohistochemistry of paraffin-embedded mouse kidney tissue slide using CAF50257(PEX5 Antibody) at dilution of 1:100



Immunofluorescence analysis of HeLa cells using CAF50257(PEX5 Antibody). Blue: DAPI for nuclear staining.



SW480 cells were subjected to SDS PAGE followed by western blot with CAF50257(PEX5 antibody) at dilution of 1:1000