

For Research Use Only

PEX19 Monoclonal antibody, PBS Only



Catalog Number: 68555-1-PBS

Basic Information

Catalog Number: 68555-1-PBS	GenBank Accession Number: BC000496	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 5824	CloneNo.: 3H2C2
Source: Mouse	UNIPROT ID: P40855	
Isotype: IgG1	Full Name: peroxisomal biogenesis factor 19	
Immunogen Catalog Number: AG6858	Calculated MW: 33 kDa	
	Observed MW: 35-40 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, mouse, rat, pig

Background Information

Peroxis (PEXs) are proteins that are essential for the assembly of functional peroxisomes. PEX19 gene is necessary for early peroxisomal biogenesis. It acts both as a cytosolic chaperone and as an import receptor for peroxisomal membrane proteins (PMPs) (PMID: 14709540). PEX19 may bind newly synthesized PMPs and facilitate their insertion into the peroxisome membrane (PMID: 107044440). The peroxisome biogenesis disorders (PBDs) are a group of genetically heterogeneous autosomal recessive, lethal diseases characterized by multiple defects in peroxisome function. Defects in this gene are a cause of Zellweger syndrome (ZWS), as well as peroxisome biogenesis disorder complementation group 14 (PBD-CG14) (PMID:20683989) (PMID:10051604).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

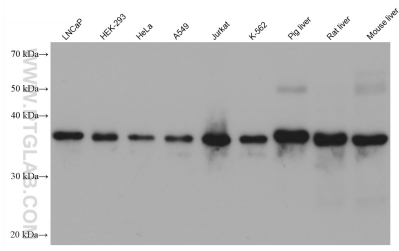
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68555-1-Ig (PEX19 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68555-1-PBS in a different storage buffer formulation.