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Datasheet for ABIN7466489 **anti-PEX19 antibody**

Overview

Quantity:	100 µL
Target:	PEX19
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PEX19 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PEX19. The exact sequence is proprietary.
Clone:	GT554
Isotype:	IgG2a
Cross-Reactivity:	Human, Mouse
Purification:	Affinity purified by Protein G.

Target Details

Target:	PEX19
Alternative Name:	peroxisomal biogenesis factor 19 (PEX19 Products)

Target Details

Background:	Peroxisomal biogenesis factor 19 , D1S2223E , HK33 , PBD12A , PMP1 , PMPI , PXF , PXMP1, This gene is necessary for early peroxisomal biogenesis. It acts both as a cytosolic chaperone and as an import receptor for peroxisomal membrane proteins (PMPs). Peroxisins (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 Zellweger syndrome (ZWS). [provided by RefSeq]
Molecular Weight:	33 kDa
Gene ID:	5824
UniProt:	P40855

Application Details

Application Notes:	WB: 1:500-1:10000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. FACS: 1:50-1:200. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Jurkat , Raji , K562 , THP-1 , HL-60 , NCI-H292 , mouse liver
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, No Preservative
Preservative:	Without preservative
Storage:	4 °C, -20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.