



# Anti-PKD2L1 monoclonal antibody, clone 5G0 (CABT-21452MH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	<p>This gene encodes a member of the polycystin protein family. The encoded protein contains multiple transmembrane domains, and cytoplasmic N- and C-termini. The protein may be an integral membrane protein involved in cell-cell/matrix interactions. This protein functions as a calcium-regulated nonselective cation channel. Alternative splice variants have been described but their full length sequences have not been determined.</p> <p>Mouse monoclonal antibody raised against a partial recombinant PKD2L1.</p>
<b>Immunogen</b>	PKD2L1 (NP_057196, 173 a.a. ~ 273 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human, Rat
<b>Clone</b>	5G0
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,ELISA
<b>Sequence Similarities</b>	KWYNNQSLGHGSHSFIYYENMLLGVPRLRQLKVRNDSCVHEDFREDILSCYDVYSPDKE EQLPFGPFNGTAWTYHSQDELGGFSHWGRLTSYSGGGYYL*
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Preservative</b>	None

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">PKD2L1 polycystic kidney disease 2-like 1 [Homo sapiens]</a>
Official Symbol	PKD2L1
Synonyms	polycystic kidney disease 2-like 1; polycystin-L; polycystin-L1; PCL; transient receptor potential cation channel, subfamily P, member 3; TRPP3; Polycystin-2 homolog; polycystic kidney disease 2-like 1 protein; PKDL; PKD2L; polycystin-2L1; OTTHUMP00000020283
Entrez Gene ID	<a href="#">9033</a>
Protein Refseq	<a href="#">NP_057196</a>
UniProt ID	<a href="#">Q1L4F0</a>
Chromosome Location	10q24
Function	calcium activated cation channel activity; calcium ion binding; cytoskeletal protein binding; protein binding