PLDN Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	PLDN, Monoclonal Antibody
Full Product Name	PLDN (Pallidin Homolog (mouse), PA, PALLID) (MaxLight 650)
Product Gene Name	anti-PLDN antibody
Product Synonym Names	Pallidin Homolog (mouse); PA; PALLID
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3D2
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified
Specificity	Recognizes PLDN.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	PLDN (AAH04819, 1aa-172aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MSVPGPSSPDGALTRPPYCLEAGEPTPGLSDTSPDEGLIEDLTIEDKAVEQLAEGLLSHYLPDLQRSKQALQELTQNQVVLLDTLEQEISKFKECHSMLDIN
Conjugate	MaxLight650
Product Categories/Family for anti-PLDN antibody	Antibodies; Syntaxin; Synaptotagmin; Synaptophysin
Applications Tested/Suitable for anti-PLDN antibody	Western Blot (WB)
Application Notes for anti-PLDN antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-PLDN antibody	The protein encoded by this gene may play a role in intracellular vesicle trafficking. It interacts with Syntaxin 13 which mediates intracellular membrane length nature of some of these variants has not been determined. [provided by RefSeq]
Other Notes	Small volumes of anti-PLDN antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for PLDN purchase	MBS6229311 is an antibody targeting PLDN. Also known as PLDN (Pallidin Homolog (mouse), PA, PALLID) (MaxLight 650). Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PLDN. It may not necessarily be applicable to this product.

NCBI GI #	13435969
NCBI GeneID	26258
NCBI Accession #	AAH04819
UniProt Related Accession #	Q9UL45
NCBI Official Full Name	Pallidin homolog (mouse)
NCBI Official Synonym Full Names	biogenesis of lysosomal organelles complex 1 subunit 6
NCBI Official Symbol	BLOC1S6
NCBI Official Synonym Symbols	PA; HPS9; PLDN; BLOS6; PALLID
NCBI Protein Information	biogenesis of lysosome-related organelles complex 1 subunit 6
NCBI Summary for PLDN	The protein encoded by this gene may play a role in intracellular vesicle trafficking. It interacts with Syntaxin 13 which mediates intracellular membrane fusion. Mutations in this gene cause symptoms associated with Hermansky-Pudlak syndrome-9. Alternative splicing results in multiple transcript variants. A pseudogene related to this gene is located on the X chromosome. [provided by RefSeq, Aug 2015]
Research Articles on PLDN	**1.** Results from a study on gene expression variability markers in early-stage human embryos shows that BLOC1S6 (PLDN) is a putative expression variability marker for the 3-day, 8-cell embryo stage.
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