Mouse PDSS2 Monoclonal Antibody | anti-PDSS2 antibody

PDSS2 antibody

CATALOG #	HOST	APPLICATIONS
AAA106946	**Mouse**	**Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

PDSS2; Monoclonal Antibody; PDSS2 antibody; Monoclonal PDSS2; Anti-PDSS2; Prenyl decaprenyl diphosphate synthase subunit 2; Decaprenyl Diphosphate Synthase Subunit 2; C6orf210; DLP1; bA59I9.3; hDLP1; PDSS 2; PDSS-2; anti-PDSS2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	1D10
Purity/Purification	PDSS2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	399
Applicable Applications for anti-PDSS2 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	The isoprenoid chain of ubiquinone (coenzyme Q) varies in length between species and is determined by trans-polyprenyl diphosphate synthase. Humans possess a heterotetrameric decaprenyl diphosphate synthase composed of DPS1 and DLP1 (PDSS2) that produces Q10 ubiquinone.
Cross-Reactivity	Human
Immunogen	PDSS2 antibody was raised in mouse using a full length recombinant protein of human PDSS2 (NP_065114) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemical analysis of PDSS2 protein in paraffin embedded Human endometrium tissue using PDSS2 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PDSS2 protein (Right) or empty vector (Left) detected with PDSS2 antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of Hela cells using PDSS2 antibody (Red), compared to a nonspecific negative control antibody (Blue).

ADDITIONAL INFORMATION

Related Product Information for anti-PDSS2 antibody	Mouse monoclonal PDSS2 antibody
Product Categories/Family for anti-PDSS2 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	169808399
NCBI GeneID	57107
NCBI Accession #	NP_065114
NCBI GenBank Nucleotide #	NM_020381.3
UniProt Accession #	Q86YH6; Q33DR4; Q4G158; Q5VU38; Q5VU39; Q9NR58
Molecular Weight	26,377 Da
NCBI Official Full Name	decaprenyl-diphosphate synthase subunit 2
NCBI Official Synonym Full Names	prenyl (decaprenyl) diphosphate synthase, subunit 2
NCBI Official Symbol	PDSS2
NCBI Official Synonym Symbols	DLP1; hDLP1; COQ10D3; C6orf210; bA59I9.3
NCBI Protein Information	decaprenyl-diphosphate synthase subunit 2
UniProt Protein Name	Decaprenyl-diphosphate synthase subunit 2
UniProt Gene Name	**PDSS2**
UniProt Synonym Gene Names	C6orf210; DLP1
UniProt Entry Name	DLP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/pdss2-antibody-clone-1d10-western-blot-immunohistochemistry-flow-cytometry-elisa/106946