antibodies

Datasheet for ABIN2723485 INPP5D Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)



Image

Overview	
Quantity:	20 µg
Target:	INPP5D
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This INPP5D protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human INPP5D (transcript variant 2) protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	INPP5D
Alternative Name:	Inpp5d (INPP5D Products)
Background:	This gene is a member of the inositol polyphosphate-5-phosphatase (INPP5) family and encodes a protein with an N-terminal SH2 domain, an inositol phosphatase domain, and two C-

terminal protein interaction domains. Expression of this protein is restricted to hematopoietic

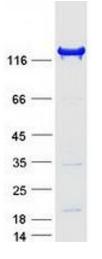
cells where its movement from the cytosol to the plasma membrane is mediated by tyrosine

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Target Details

	phosphorylation. At the plasma membrane, the protein hydrolyzes the 5' phosphate from
	phosphatidylinositol (3,4,5)-trisphosphate and inositol-1,3,4,5-tetrakisphosphate, thereby
	affecting multiple signaling pathways. The protein is also partly localized to the nucleus, where
	it may be involved in nuclear inositol phosphate signaling processes. Overall, the protein
	functions as a negative regulator of myeloid cell proliferation and survival. Mutations in this
	gene are associated with defects and cancers of the immune system. Alternative splicing of
	this gene results in multiple transcript variants.
Molecular Weight:	133 kDa
NCBI Accession:	NP_005532
Pathways:	TCR Signaling, BCR Signaling, Warburg Effect
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze

immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot

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