

Mouse PANK3 Monoclonal Antibody | anti-PANK3 antibody

PANK3 antibody

CATALOG # AAA106732	HOST Mouse	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay
-------------------------------	----------------------	---

PRODUCT SYNONYMS

PANK3; Monoclonal Antibody; PANK3 antibody; Monoclonal PANK3; Anti-PANK3; Pantothenate kinase 3; FLJ12899; Pantothenic acid kinase 3; hPank3; DKFZp686O22247; PANK 3; PANK-3; anti-PANK3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3C4
Purity/Purification	PANK3 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	370
Applicable Applications for anti-PANK3 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Biological Significance	PANK3 belongs to the pantothenate kinase family. Pantothenate kinase is a key regulatory enzyme in the biosynthesis of coenzyme A (CoA) in bacteria and mammalian cells. It catalyzes the first committed step in the universal biosynthetic pathway leading to CoA and is itself subject to regulation through feedback inhibition by CoA.
Cross-Reactivity	Human
Immunogen	PANK3 antibody was raised in mouse using a full length recombinant protein of human PANK3 (NP_078870) 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



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PANK3 protein (Right) or empty vector (Left) detected with PANK3 antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant PANK3 protein (red) or empty vector (blue) stained using PANK3 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PANK3 antibody	Mouse monoclonal PANK3 antibody
---	---------------------------------

Product Categories/Family for anti-PANK3 antibody

Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	13375789
NCBI GeneID	79646
NCBI Accession #	NP_078870
NCBI GenBank Nucleotide #	NM_024594.3
UniProt Accession #	Q9H999; Q53FJ9; Q7RTX4; D3DQL1
Molecular Weight	41,094 Da
NCBI Official Full Name	pantothenate kinase 3
NCBI Official Synonym Full Names	pantothenate kinase 3
NCBI Official Symbol	PANK3
NCBI Protein Information	pantothenate kinase 3
UniProt Protein Name	Pantothenate kinase 3
UniProt Gene Name	PANK3
UniProt Synonym Gene Names	hPank3
UniProt Entry Name	PANK3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/pank3-antibody-clone-3c4-western-blot-flow-cytometry-elisa/106732>