Mouse PLEK Monoclonal Antibody | anti-PLEK antibody

PLEK antibody

CATALOG #	HOST	APPLICATIONS
AAA108140	**Mouse**	**Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

PLEK; Monoclonal Antibody; PLEK antibody; Monoclonal PLEK; Anti-PLEK; Pleckstrin; FLJ27168; P47; anti-PLEK antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2F10
Purity/Purification	PLEK 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	350
Applicable Applications for anti-PLEK antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	PLEK is a major protein kinase C substrate of platelets, its exact function is not known.
Cross-Reactivity	Human
Immunogen	PLEK antibody was raised in mouse using a full length recombinant protein of human PLEK (NP_002655) 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 PLEK protein in paraffin embedded Human kidney tissue using PLEK antibody

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

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant PLEK protein (red) or empty vector (blue) stained using PLEK antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PLEK antibody	Mouse monoclonal PLEK antibody
Product Categories/Family for anti-PLEK antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457111
NCBI GeneID	5341
UniProt Accession #	P08567; Q53SU8; Q6FGM8; Q6FGQ1; Q8WV81; B2R9E8
Molecular Weight	40,125 Da
NCBI Official Full Name	PLEK
NCBI Official Synonym Full Names	pleckstrin
NCBI Official Symbol	PLEK
NCBI Official Synonym Symbols	P47
NCBI Protein Information	pleckstrin
UniProt Protein Name	Pleckstrin
UniProt Gene Name	**PLEK**
UniProt Synonym Gene Names	P47; p47
UniProt Entry Name	PLEK_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/plek-antibody-clone-2f10-western-blot-immunohistochemistry-flow-cytometry-elisa/108140