

Mouse PRKD2 Monoclonal Antibody | anti-PRKD2 antibody

PRKD2 antibody

CATALOG # AAA108101	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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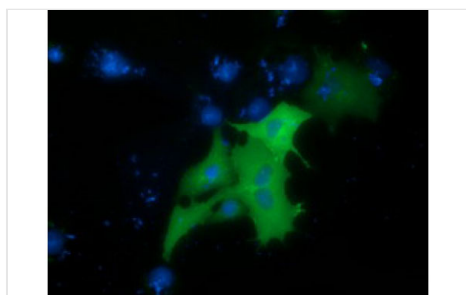
PRODUCT SYNONYMS

PRKD2; Monoclonal Antibody; PRKD2 antibody; Monoclonal PRKD2; Anti-PRKD2; Protein kinase D2; PKD2; DKFZP586E0820; HSPC187; PRKD 2; PRKD-2; anti-PRKD2 antibody

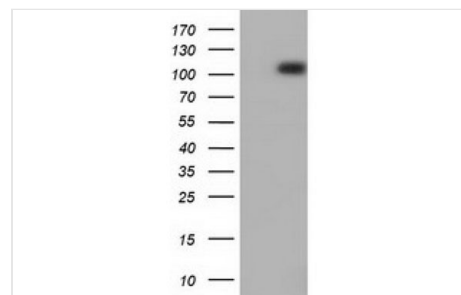
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	2 E2
Purity/Purification	PRKD2 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	363
Applicable Applications for anti-PRKD2 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	PRKD2 belongs to the protein kinase D (PKD) family of serine/threonine protein kinases. this kinase can be activated by phorbol esters as well as by gastrin via the cholecystokinin B receptor (CCKBR) in gastric cancer cells. It can bind to diacylglycerol (DAG) in the trans-Golgi network (TGN) and may regulate basolateral membrane protein exit from TGN.
Cross-Reactivity	Human
Immunogen	PRKD2 antibody was raised in mouse using a full length recombinant protein of human PRKD2 (NP_057541) 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.

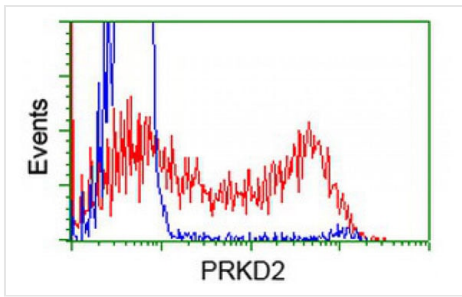
IMAGES


IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant PRKD2 protein using PRKD2 antibody


WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PRKD2 protein (Right) or empty vector (Left) detected with PRKD2 antibody



FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant PRKD2 protein (red) or empty vector (blue) stained using PRKD2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PRKD2 antibody	Mouse monoclonal PRKD2 antibody
Product Categories/Family for anti-PRKD2 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	117938781
NCBI GeneID	25865
Molecular Weight	80,143 Da
NCBI Official Full Name	PRKD2 protein, partial
NCBI Official Synonym Full Names	protein kinase D2
NCBI Official Symbol	PRKD2
NCBI Official Synonym Symbols	PKD2; HSPC187; nPKC-D2
NCBI Protein Information	serine/threonine-protein kinase D2
UniProt Protein Name	Serine/threonine-protein kinase D2
UniProt Gene Name	PRKD2
UniProt Synonym Gene Names	PKD2
UniProt Entry Name	KPCD2_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/prkd2-antibody-clone-2-e2-western-blot-immunofluorescence-flow-cytometry-elisa/108101>