

Rat anti-Human PKD1 Monoclonal Antibody | anti-PKD1 antibody

Rat Monoclonal Antibody to PKD1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268254	Rat	Human	Flow Cytometry, Functional Assay, Western Blot

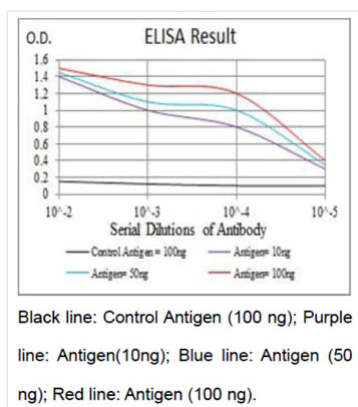
PRODUCT SYNONYMS

PKD1; Monoclonal Antibody; Rat Monoclonal Antibody to PKD1; PC1; Mfij00285; anti-PKD1 antibody

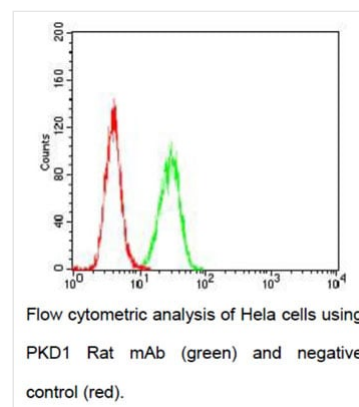
PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	8C3D11
Form/Format	Purified antibody in PBS with 0.05% sodium azide
Sequence Positions	3682-3873
Sequence Length	289
Applicable Applications for anti-PKD1 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Purified recombinant fragment of mouse PKD1 (AA: 3682-3873) expressed in E. Coli.
Conjugation	PE.
Preparation and Storage	Store at 4°C short term (1-2 weeks). Upon receipt aliquot. Store at -20° C. Avoid freeze / thaw cycle. Store In the Dark.

IMAGES



ELISA
ELISA Result



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-PKD1 antibody	Description: Involved in renal tubulogenesis. Involved in fluid-flow mechanosensation by the primary cilium in renal epithelium. Acts as a regulator of cilium length, together with PKD2. The dynamic control of cilium length is essential in the regulation of mechanotransductive signaling. The cilium length response creates a negative feedback loop whereby fluid shear-mediated deflection of the primary cilium, which decreases intracellular cAMP, leads to cilium shortening and thus decreases flow-induced signaling. May be an ion-channel regulator. Involved in adhesive protein-protein and protein-carbohydrate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	532528207
NCBI GeneID	18763
Molecular Weight	466kDa
NCBI Official Full Name	PKD1, partial
NCBI Official Synonym Full Names	polycystin 1, transient receptor poteintial channel interacting
NCBI Official Symbol	Pkd1
NCBI Official Synonym Symbols	PC1; mFLJ00285
NCBI Protein Information	polycystin-1
UniProt Protein Name	Polycystin-1
UniProt Gene Name	Pkd1

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/pkd1-antibody-clone-8c3d11-flow-cytometry-western-blot-elisa/268254>