

Rat Monoclonal Antibody to PKHD1

Catalogue Number sAP-1085

Target Molecule **Name:** Rat Monoclonal Antibody to PKHD1

Aliases: FPC; Tigm1; AI118496; AI182499

MW: 445kDa

Entrez Gene ID: 241035

Description Mutations in the PKHD1 gene, which encodes fibrocystin, cause autosomal recessive polycystic kidney disease (ARPKD). Unfortunately, the lack of specific antibodies to the mouse protein impairs the study of splicing, post-translational processing, shedding, and temporal and spatial expression of endogenous fibrocystin at the cellular and subcellular level.;

Immunogen Purified recombinant fragment of mouse PKHD1 (AA: 3878-4060) expressed in E. Coli.

Reactive Species Human;

Clone MM8G12A1;

Size and Concentration 100µg/1mg/ml

Supplied as Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide

Reconstitution/Storages Reconstituted with 100µl sterile DI H₂O, at stored at 4°C or -20°C for short or long term storage

Applications ELISA: 1 to 10000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400

Shipping Regular FEDEX overnight shipment (ambient temperature)

Reference J Am Soc Nephrol. 2011 Dec;22(12):2266-77.; Am J Pathol. 2008 Feb;172(2):417-29.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**