

Rat Monoclonal Antibody to PKHD1

Catalogue Number	sAP-1085
Target Molecule	<p>Name: Rat Monoclonal Antibody to PKHD1</p> <p>Aliases: FPC; Tigm1; AI118496; AI182499</p> <p>MW: 445kDa</p> <p>Entrez Gene ID: 241035</p>
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 H ₂ O, 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 ender users! This product is sold for **Research Use Only**