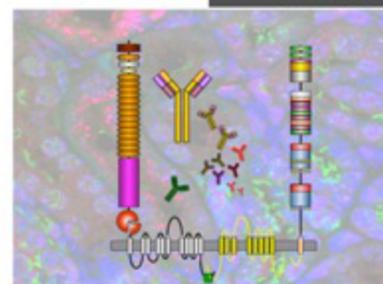


Rat Monoclonal Polyductin/Fibrocystin Antibody (PD1E1)

Support: Feng Qian
Phone: 1-410-706-5804
Email: fqian@som.umaryland.edu
Web: <http://www.baltimorepkdcenter.org/>



Applications

Western blot (Fig 2, Fig 3)
 Immunoprecipitation (Fig 4)

Recommended Antibody Amount

1ug/ml
 0.1-2 µg per 2 mg total protein

Molecular Wt

~447 kDa

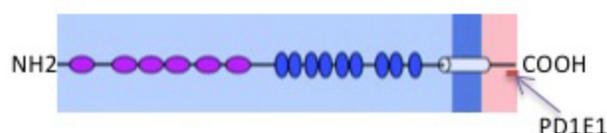


Fig 1: PD1E1 antibodies direct at the very C-terminus of mPD1.

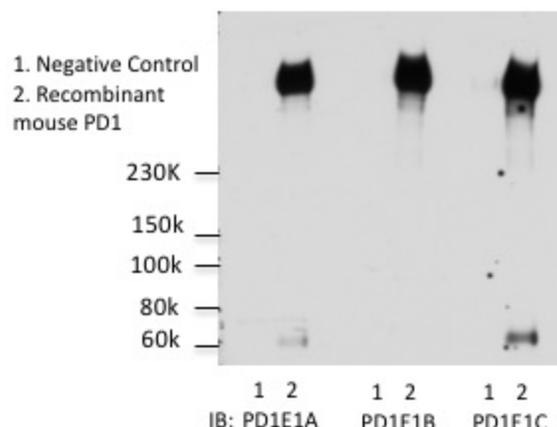


Fig 2: Immunoblot detection of recombinant mouse PD1.

Background: Polyductin/Fibrocystin-1 (PD1) is the gene product of *PKHD1* that is mutated in human autosomal recessive polycystic Kidney disease. It is involved in tubular morphogenesis and maintenance of the kidney and other organs.

Description: Rat monoclonal antibodies to murine PD1

Immunogen: C-terminal tail of murine PD1

Host: Rat

Species Cross-Reactivity : No activity to human PD1

Form: Liquid

Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Storage buffer: PBS, pH7.2, 50% glycerol, 0.15% NaN3

Concentration: PD1E1A-8G12A1 4mg/ml

PD1E1B-8G12D8 1.5mg/ml

PD1E1C-8G12G11 1.5mg/ml

Purity: Protein G purified

Reference: Kidney International (2017) 92, 1130–1144;

<http://dx.doi.org/10.1016/j.kint.2017.04.027>

1. E17.5 mouse Kidney Wild type
2. E17.5 mouse Kidney PD1 knockout

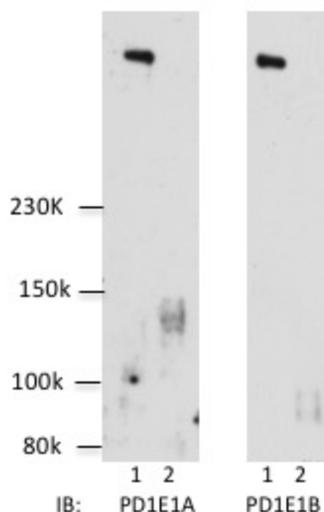


Fig 3: Immunoblot detection of endogenous PD1 in mouse embryonic kidney.

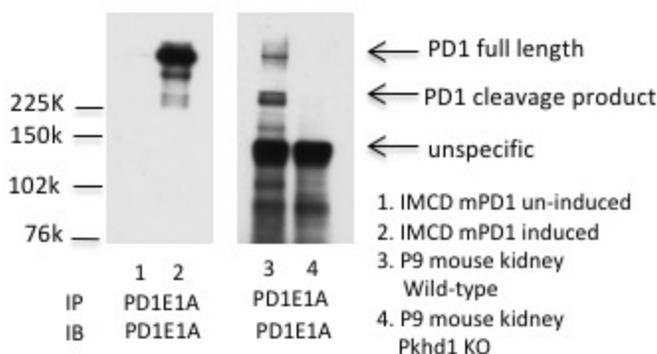


Fig 4: Immunoprecipitation of recombinant and endogenous PD1. IMCD cells are tetracycline inducible stable cell lines.