

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB11002 - Goat Anti-PKD1 (aa2281-2292) Antibody

Size: 100µg specific antibody in 200µl

### Target Protein

**Principal Names:** PKD1, polycystic kidney disease 1 (autosomal dominant), PBP, Pc-1, TRPP1, autosomal dominant polycystic kidney disease 1 protein, polycystic kidney disease-associated protein, polycystin 1, polycystin-1

**Official Symbol:** PKD1

**Accession Number(s):** NP\_001009944.2; NP\_000287.3

**Human GeneID(s):** [5310](#)

**Non-Human GeneID(s):** 18763 (mouse), 24650 (rat)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_001009944.2; NP\_000287.3).

### Immunogen

Peptide with sequence C-KSYDPNLEDGDQT, from the internal region of the protein sequence according to NP\_001009944.2; NP\_000287.3.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

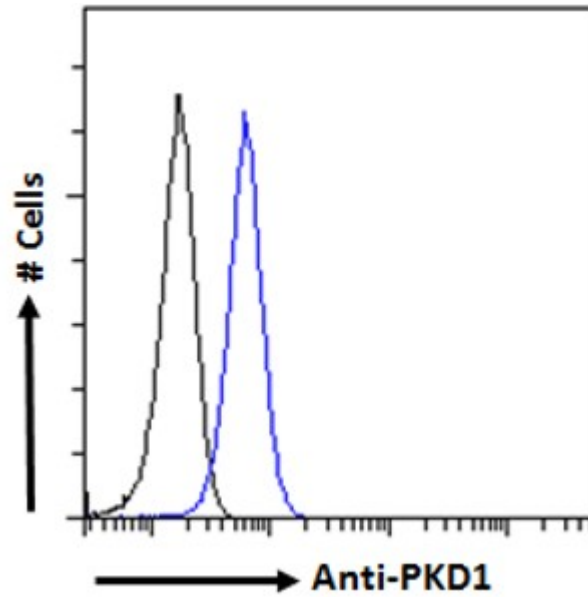
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Flow Cytometry:** Flow cytometric analysis of HEK293 cells. Recommended concentration: 10ug/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig



EB11002 Flow cytometric analysis of paraformaldehyde fixed HEK293 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.