



## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## EB09540 - Goat Anti-Polycystin 2 / PKD2 Antibody

Size: 100µg specific antibody in 200µl

### Target Protein

**Principal Names:** PKD2, polycystic kidney disease 2 (autosomal dominant), APKD2, MGC138466, MGC138468, PC2, PKD4, polycystin 2, polycystin

**Official Symbol:** PKD2

**Accession Number(s):** NP\_000288.1

**Human GeneID(s):** [5311](#)

**Non-Human GeneID(s):** 18764 (mouse), 498328 (rat)

### Immunogen

Peptide with sequence C-ERAKLKRREVLGR, from the internal region of the protein sequence according to NP\_000288.1.

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 1:2000.

**Western blot:** Approx 100kDa band observed in lysates of cell line HeLa (calculated MW of 110kDa according to NP\_000288.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Cow



EB09540 (1 $\mu$ g/ml) staining of HeLa lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.