

## **UK Office**

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

Enquiries: info@everestbiotech.com Sales: <u>sales@everestbiotech.com</u> Tech support: <u>support@everestbiotech.com</u>

Tel: +44 (0)1869 238326

#### www.everestbiotech.com

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# EB07874-B - Goat Anti-Fumarase / FH, Biotinylated Antibody

Size: 100µg specific antibody in 200µl

## **Target Protein**

Principal Names: FH, fumarate hydratase, FMRD, HLRCC, LRCC, MCL, MCUL1, fumarase Official Symbol: FH Accession Number(s): NP\_000134.2 Human GenelD(s): 2271 Non-Human GenelD(s): 14194 (mouse), 24368 (rat)

#### Immunogen

Peptide with sequence C-HPNDHVNKSQSSND., from the internal region of the protein sequence according to NP\_000134.2.

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**

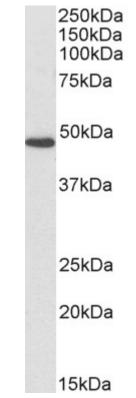
Peptide ELISA: antibody detection limit dilution 1:64000.

**Western blot:** Approx 48kDa band observed in Human Kidney lysates (calculated MW of 54.6kDa according to NP\_000134.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

### **Species Reactivity**

Tested: Human Expected from sequence similarity: Human, Mouse, Rat, Dog





Biotinylated EB07874 (0.1µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.