



## UK Office

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

## 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 GeneID(s):** [2271](#)

**Non-Human GeneID(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 (0.1 $\mu$ g/ml) staining of Human Kidney lysate (35 $\mu$ g 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.