

## **UK Office**

#### **Everest Biotech Ltd**

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

Enquiries:

info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326

#### www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB07874 - Goat Anti-Fumarase / FH Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: fumarate hydratase, HLRCC, LRCC, MCL, MCUL1, fumarase, FH, FMRD 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.

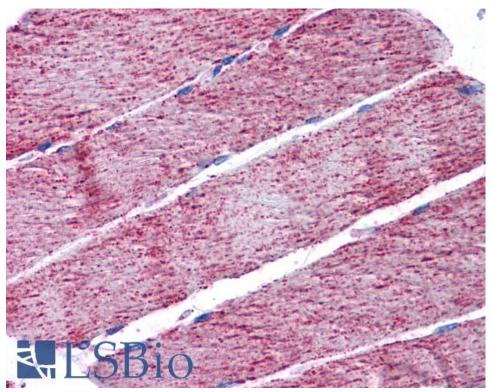
**Western blot:** Approx 48kDa band observed in Human Kidney, Liver and Lung lysates (calculated MW of 54.6kDa according to NP\_000134.2). The observed molecular weight corresponds to earlier findings with antibodies from different sources. Recommended concentration: 0.01-0.03µg/ml. Primary incubation was 1 hour. **IHC:** Paraffin embedded Human Skeletal Muscle and Heart. Recommended concentration: 3.75µg/ml.

### **Species Reactivity**

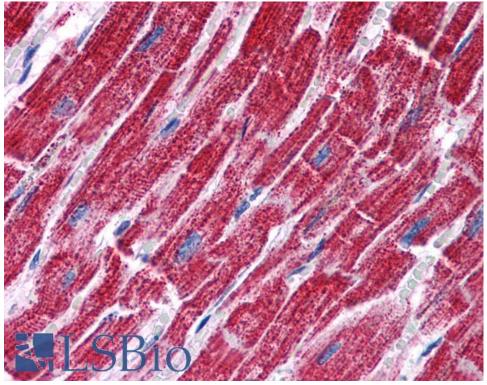
Tested: Human Expected from sequence similarity: Human, Mouse, Rat, Dog



EB07874 (0.01µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB07874 (3.75µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07874 (3.75µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.