

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 Fax: +44 (0)1869 238327

US Office

Everest Biotech c/o Abcore

405 Maple Street, Suite A106 Ramona, CA 92065 USA

Inquiries: info@everestbiotech.com Sales: usasales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: 888-320-4628 (toll-free) Fax: 888-841-9041

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB09092-B - Goat Anti-FTL, Biotinylated Antibody 🏏

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: FTL, ferritin, light polypeptide, LFTD, NBIA3, ferritin L subunit, ferritin L-chain, ferritin light polypeptide-like 3, ferritin light chain, L apoferritin, MGC71996 Official Symbol: FTL Accession Number(s): NP_000137.2 Human GeneID(s): 2512 Non-Human GeneID(s): 14325 (mouse), 29292 (rat)

Immunogen

Peptide with sequence C-GEYLFERLTLKHD., from the C Terminus of the protein sequence according to NP_000137.2.

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.

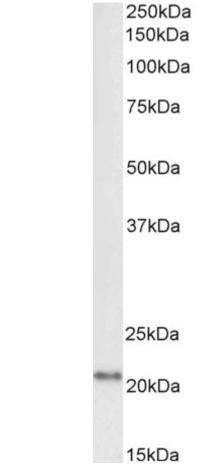
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 20kDa band observed in Rat Brain lysates (calculated MW of 20.7kDa according to Rat NP_071945.3). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.

Species Reactivity

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



Biotinylated EB09092 (1µg/ml) staining of Rat Brain 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.