

## UK Office

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**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

**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 (1 $\mu$ g/ml) staining of Rat Brain 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.