

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB09092 - Goat Anti-FTL Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** FTL, ferritin, light polypeptide, MGC71996, L apoferritin, ferritin L subunit, ferritin L-chain, ferritin light chain, ferritin light polypeptide-like 3, LFTD, NBIA3

Official Symbol: FTL

Accession Number(s): NP\_000137.2

Human GeneID(s): 2512

Non-Human GenelD(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 1:32000.

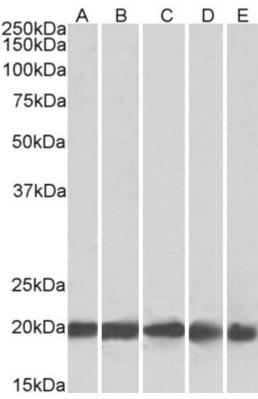
Western blot: Approx. 20kDa band observed in Human Brain (Cerebellum), Liver, Placenta and 22kDa in Mouse and Rat Brain lysates (calculated MW of 20.0kDa according to NP\_000137.2). Recommended concentration: 0.3-1.0μg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Spleen. Recommended concentration: 4-6µg/ml.

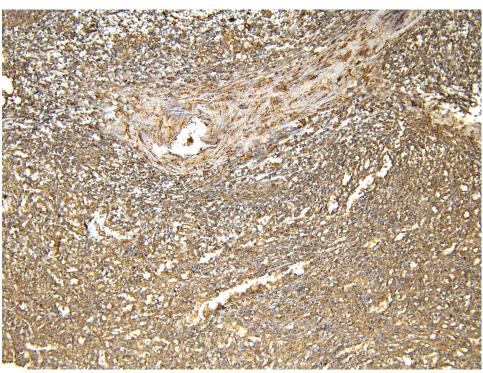
#### **Species Reactivity**

Tested: Human, Mouse, Rat

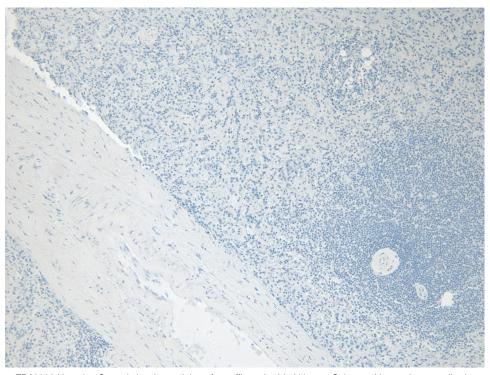
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



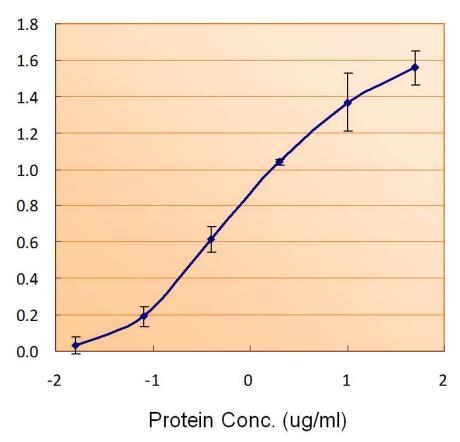
EB09092 (0.3μg/ml) staining of Human Brain (Cerebellum) (A), Liver (B), Human Placenta (C) 22kDa in Mouse Brain (D), Rat Brain lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB09092 (4µg/ml) staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB09092 Negative Control showing staining of paraffin embedded Human Spleen, with no primary antibody.



EB09092 (1.5ug/ml) as the reporter with EB002025 as the capture rabbit antibody (5ug/ml). **This data is from a previous batch, not on sale.**