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## 36-2344: Anti-Ferritin, Light Chain (Node-Negative Breast Tumor Prognostic Marker) Monoclonal Antibody (Clone: FTL/1389)

Clonality: Monoclonal **Clone Name:** FTL/1389 Application: ELISA,WB Reactivity: Human Gene: FTL Gene ID: 2512 **Uniprot ID:** P02792

Ferritin L chain; Ferritin L subunit; Ferritin light chain; Ferritin light polypeptide; FTL; LFTD; **Alternative Name:** 

NBIA3

Isotype: Mouse IgG1, kappa

Recombinant fragment (around aa 38-165) of human FTL protein (exact sequence is Immunogen Information:

proprietary)

## **Description**

Mammalian ferritins consist of 24 subunits made up of 2 types of polypeptide chains, ferritin heavy chain and ferritin light chain. Ferritin heavy chains catalyze the first step in iron storage, the oxidation of Fe (II), whereas ferritin light chains promote the nucleation of ferrihydrite, enabling storage of Fe (III). Light chain ferritin is involved in cataracts by at least two mechanisms, hereditary hyperferritinemia cataract syndrome, in which light chain ferritin is overexpressed, and oxidative stress, an important factor in the development of ageing-related cataracts.

## **Product Info**

Amount: 20 μg / 100 μg

200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS Content:

with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody Storage condition:

is stable for 24 months. Non-hazardous.

## **Application Note**

ELISA (For coating, order antibody without BSA); Western Blot (1-2ug/ml);

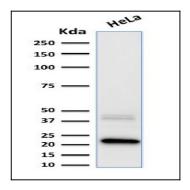


Fig. 1: Formalin-fixed, paraffin-embedded human Pancreas stained with Ferritin, Light Chain Mouse Monoclonal Antibody (FTL/1389).



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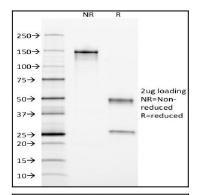


Fig. 2: Formalin-fixed, paraffin-embedded human Pancreas stained with Ferritin, Light Chain Mouse Monoclonal Antibody (FTL/1389).

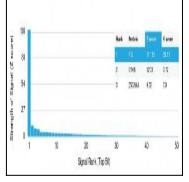


Fig. 3: Western Blot Analysis of human HeLa cell lysate using Ferritin, Light Chain Mouse Monoclonal Antibody (FTL/1389).