

FTL Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3101
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human FTL (AA: FULL(1-175)) expressed in E. Coli.
Mol wt	20kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	NBIA3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes the light subunit of the ferritin protein. Ferritin is the major intracellular iron storage protein in prokaryotes and eukaryotes. It is composed of 24 subunits of the heavy and light ferritin chains. Variation in ferritin subunit composition may affect the rates of iron uptake and release in different tissues. A major function of ferritin is the storage of iron in a soluble and nontoxic state. Defects in this light chain ferritin gene are associated with several neurodegenerative diseases and hyperferritinemia-cataract syndrome. This gene has multiple pseudogenes.

Recommended Dilution

WB: 1:500 - 1:2000

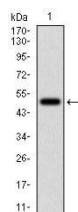
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

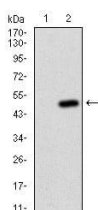
ELISA: 1:10000

Not yet tested in other applications.

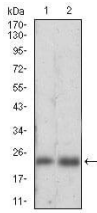
Images



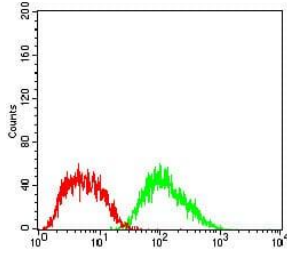
Western blot analysis using FTL mAb against human FTL (AA: FULL(1-175)) recombinant protein.
(Expected MW is 45.5 kDa)



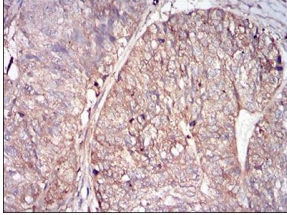
Western blot analysis using FTL mAb against HEK293 (1) and FTL (AA: FULL(1-175))-hIgGFc transfected HEK293 (2) cell lysate.



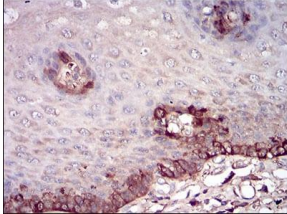
Western blot analysis using FTL mouse mAb against HepG2 (1), K562 (2) cell lysate.



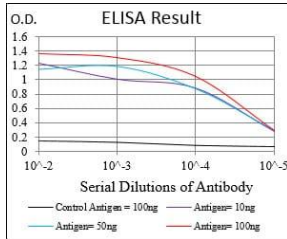
Flow cytometric analysis of HepG2 cells using FTL mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using FTL mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded esophageal tissues using FTL mouse mAb with DAB staining.



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com