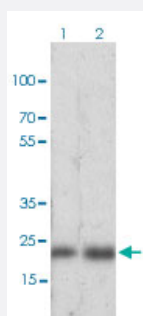


FTL monoclonal antibody, clone 6E10E4

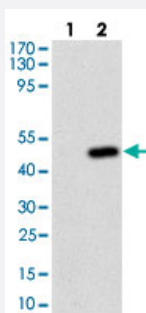
Catalog # MAB12245 Size 100 ug

Applications



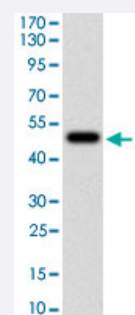
Western Blot (Cell lysate)

Western blot analysis of Lane 1: HepG2 cell lysate; Lane 2: K562 cell lysate with FTL monoclonal antibody, clone 6E10E4 (Cat# MAB12245) at 1:500-1:2000 dilution.



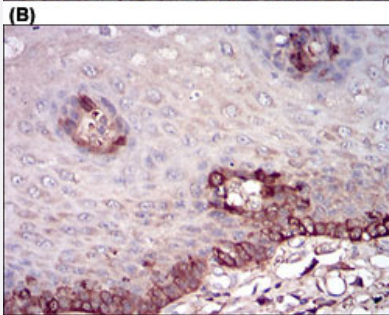
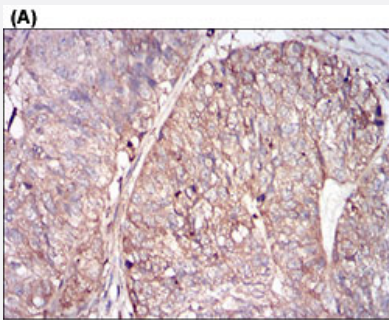
Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control [HEK293 cell lysate]; Lane 2: Over-expression lysate [FTL (AA: 1-175)-hlgGfc transfected HEK293 cells] with FTL monoclonal antibody, clone 6E10E4 (Cat# MAB12245) at 1:500-1:2000 dilution.



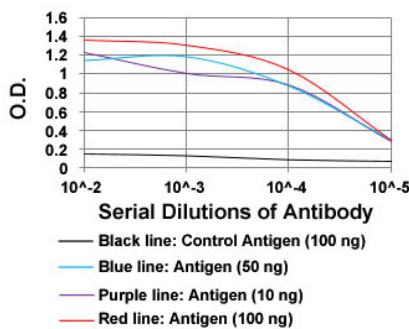
Western Blot (Recombinant protein)

Western blot analysis of human FTL (AA: 1-175) recombinant protein (Expected MW is 45.5 kDa) with FTL monoclonal antibody, clone 6E10E4 (Cat# MAB12245) at 1:500-1:2000 dilution.



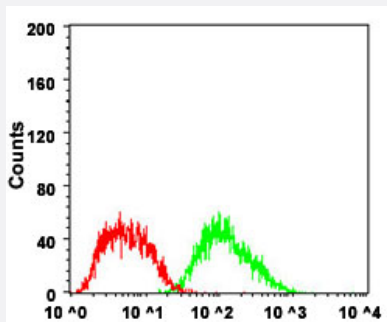
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human ovarian cancer tissues (A) and esophageal tissues (B) with FTL monoclonal antibody, clone 6E10E4 (Cat# MAB12245) at 1:200-1:1000 dilution.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of FTL monoclonal antibody, clone 6E10E4 (Cat# MAB12245) at 1:10000 dilution.



Flow Cytometry

Flow cytometric analysis of HepG2 cells with FTL monoclonal antibody, clone 6E10E4 (Cat# MAB12245) at 1:200-1:400 dilution (Green) and negative control (Red).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human FTL.
Immunogen	Recombinant protein corresponding to full length human FTL.
Host	Mouse
Theoretical MW (kDa)	20

Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Immunohistochemistry (1:200-1:1000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane 1: HepG2 cell lysate; Lane 2: K562 cell lysate with FTL monoclonal antibody, clone 6E10E4 (Cat# MAB12245) at 1:500-1:2000 dilution.

- Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control [HEK293 cell lysate]; Lane 2: Over-expression lysate [FTL (AA: 1-175)-hlgGFc transfected HEK293 cells] with FTL monoclonal antibody, clone 6E10E4 (Cat# MAB12245) at 1:500-1:2000 dilution.

- Western Blot (Recombinant protein)

Western blot analysis of human FTL (AA: 1-175) recombinant protein (Expected MW is 45.5 kDa) with FTL monoclonal antibody, clone 6E10E4 (Cat# MAB12245) at 1:500-1:2000 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human ovarian cancer tissues (A) and esophageal tissues (B) with FTL monoclonal antibody, clone 6E10E4 (Cat# MAB12245) at 1:200-1:1000 dilution.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of FTL monoclonal antibody, clone 6E10E4 (Cat# MAB12245) at 1:10000 dilution.

- Flow Cytometry

Flow cytometric analysis of HepG2 cells with FTL monoclonal antibody, clone 6E10E4 (Cat# MAB12245) at 1:200-1:400 dilution (Green) and negative control (Red).

Gene Info — FTL

Entrez GeneID	2512
Gene Name	FTL
Gene Alias	MGC71996
Gene Description	ferritin, light polypeptide
Omim ID	134790 600886 606159
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	L apoferritin ferritin L subunit ferritin L-chain ferritin light chain ferritin light polypeptide-like 3

Disease

- [Alzheimer disease](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)
- [Huntington disease](#)
- [Lung Neoplasms](#)
- [Parkinson disease](#)