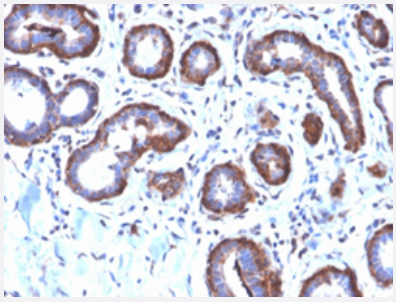
RecomAb™

# FTL recombinant monoclonal antibody, clone FTL/2338R

Catalog # RAB00481 Size 100 ug

## Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human breast cancer with FTL recombinant monoclonal antibody, clone FTL/2338R (Cat # RAB00481).

## Specification

| | |
|---|---|
| **Product Description** | Rabbit recombinant monoclonal antibody raised against partial recombinant human FTL. |
| **Antibody Species** | Rabbit |
| **Immunogen** | Original antibody is raised against recombinant protein corresponding to amino acids 38-165 of hum an FTL. |
| **Theoretical MW (kDa)** | 19-25 |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | Protein A/G purification |
| **Isotype** | IgG |
| **Recommend Usage** | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL)<br>Western Blot (0.5-2 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In 10 mM PBS (0.05% BSA, 0.05% sodium azide) |

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| | |
|---|---|
| **Storage Instruction** | Store at 4°C. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

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

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human breast cancer with FTL recombinant monoclonal antibody, clone FTL/2338R (Cat # RAB00481).

- Western Blot

## Gene Info — FTL

| | |
|---|---|
| **Entrez GeneID** | 2512 |
| **Protein Accession#** | P02792 |
| **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 stor age protein in prokaryotes and eukaryotes. It is composed of 24 subunits of the heavy and light fer ritin chains. Variation in ferritin subunit composition may affect the rates of iron uptake and releas e in different tissues. A major function of ferritin is the storage of iron in a soluble and nontoxic stat e. Defects in this light chain ferritin gene are associated with several neurodegenerative diseases and hyperferritinemia-cataract syndrome. This gene has multiple pseudogenes. [provided by Ref Seq |
| **Other Designations** | L apoferritin\|ferritin L subunit\|ferritin L-chain\|ferritin light chain\|ferritin light polypeptide-like 3 |

## Disease

- Alzheimer disease

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- Cognition
- Genetic Predisposition to Disease
- Huntington disease
- Lung Neoplasms
- Parkinson disease

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