Recombinant Ferritin, Light Chain (Node-Negative Breast Tumor Prognostic Marker) Antibody

Rabbit Monoclonal Antibody [Clone FTL/16937R]

Catalog No	Format	Size
2512-RBM10-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2512-RBM10-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2512-RBM10-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	FTL/16937R
Immunogen	Recombinant fragment (around aa38-165) of the human Ferritin Light Chain protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	20.02kDa
Cellular Localization	Autolysosome, Autophagosome, Cytoplasm, Cytoplasmic vesicle
Species Reactivity	Human

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Ferritin, Light Chain (Node-Negative Breast Tumor Prognostic Marker) Antibody

Specificity & Comments

Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation. Also plays a role in delivery of iron to cells. Mediates iron uptake in capsule cells of the developing kidney (By similarity). Delivery to lysosomes by the cargo receptor NCOA4 for autophagic degradation and release or iron (PubMed:24695223).

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.