



Ferritin Heavy Chain Rabbit mAb

Catalog No	YP-Ab-17798
Isotype	IgG
Reactivity	Human,Mouse,Rat,Hamster
Applications	WB,ICC/IF
Gene Name	FTH1
Alternative Names	FTH1; FTH; FTHL6; OK/SW-cl.84; PIG15; Ferritin heavy chain; Ferritin H subunit; Cell proliferation-inducing gene 15 protein
Research Field	Neuroscience
Product Categories	Primary antibody
Host	Rabbit
Molecular Weight	Calculated MW: 21 kDa; Observed MW: 21 kDa
Clonality	Monoclonal Antibody
Clonality No.	R03-3D9
Dilution	WB: 1/500-1/1000 IF: 1/50-1/200
Immunogen	A synthetic peptide of human Ferritin
Purification	Affinity Purified
Conjugation	Unconjugated
Modification	Unmodified
Form	Liquid
Buffer System	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	1 mg/ml
Purity	≥90%
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Background	The assembled ferritin molecule, often referred to as a nanocage, can store up to 4,500 atoms of iron. It forms a holoenzyme of ~450 kDa, consisting of 24 subunits made up of two types of polypeptide chains: ferritin heavy chain and ferritin light chain, each having unique functions. 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).

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



