

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

FERRITIN HEAVY CHAIN RABBIT MAB

Cat.#: N261741

Product Name: Anti-Ferritin Heavy Chain Rabbit Monoclonal Antibody **Synonyms:** FTH1; FTH; FTHL6; OK/SW-cl.84; PIG15; Ferritin heavy chain; Ferritin H subunit; Cell proliferation-inducing gene 15 protein

UNIPROT ID: P02794

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(II).

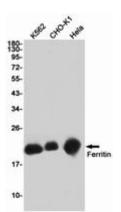
Immunogen: A synthetic peptide of human Ferritin Applications: WB,ICC/IF Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 Host Species: Rabbit Clonality: Rabbit Monoclonal Clone ID: R03-3D9 MW: Calculated MW: 21 kDa; Observed MW: 21 kDa Isotype: IgG Purification: Affinity Purified Species Reactivity: Human,Mouse,Rat,Hamster Conjugation: Unconjugated Modification: Unmodified Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide Research Areas: Neuroscience

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

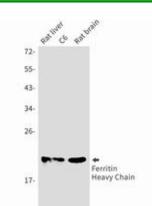


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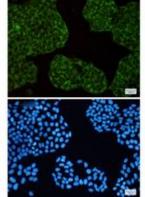
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Western blot analysis of Ferritin in K562, CHO-K1, Hela lysates using Ferritin antibody



Western blot analysis of Ferritin Heavy Chain in rat liver, C6, rat brain lysates using Ferritin Heavy Chain antibody.



Immunocytochemistry analysis of Ferritin(green) in Hela using Ferritin antibody,and DAPI(blue).

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Western blot analysis of Ferritin in Raw264.7 lysates using Ferritin antibody.