

Ferritin Heavy Chain monoclonal antibody

Catalog: MB10440

Host: Rabbit

Reactivity: Human, Mouse, Rat, Hamster

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).

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 21 kDa; Observed MW: 21 kDa

Swiss-Prot:

P02794

Purification&Purity:

Affinity Purified

Applications:

WB: 1/500-1/1000 IF: 1/50-1/200

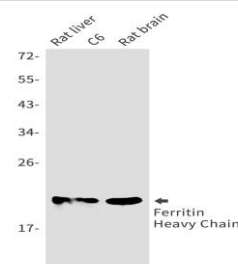
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:



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

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

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

Immunocytochemistry analysis of Ferritin in Hela using Ferritin antibody, and DAPI.

Note:

For research use only, not for use in diagnostic procedure.

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