



Recombinant

DGRmAb<sup>®</sup>

## Ferritin Heavy Chain (DGR13104) Rabbit mAb

db11194 Package : 10μL 20μL 50μL 100μL

Product Name: Ferritin Heavy Chain (DGR13104) Rabbit mAb

Cat.No.: db11194

Synonyms: FHC; FTH; HFE5; PLIF; FTHL6; PIG15

**Application :** WB, ICC/IF, FC **Reactivity :** Human, Mouse, Rat

Host species: Rabbit

**Background** This gene encodes the heavy subunit of ferritin, the major intracellular iron storage protein in

prokaryotes and eukaryotes. It is composed of 24 subunits of the heavy and light ferritin chains. Variation in ferritin subunit composition may affect the rates of iron uptake and release in different tissues. A major function of ferritin is the storage of iron in a soluble and nontoxic state. Defects in ferritin proteins are associated with several neurodegenerative diseases. This gene has multiple

pseudogenes. Several alternatively spliced transcript variants have been observed, but their

biological validity has not been determined. [provided by RefSeq, Jul 2008]

**Immunogen** A synthetic peptide of human Ferritin Heavy Chain

Gene ID 2495

Swiss Prot P02794

**Synonyms** FHC; FTH; HFE5; PLIF; FTHL6; PIG15

Reactivity Human, Mouse, Rat

**Application** WB, ICC/IF, FC

Recommended dilution WB: 1:1000

ICC/IF: 1:100

FC: 1:20-1:50

Calculated MW 21 kDa

Observed MW 21 kDa

Host species Rabbit

**Clonality** Monoclonal

Clonality No. DGR13104





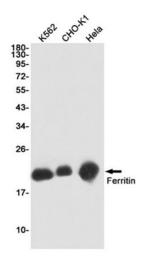
**Isotype** IgG

**Purity** Affinity Purification

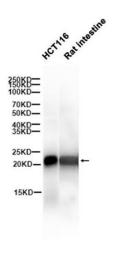
**Conjugation** Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

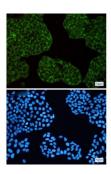
azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Ferritin in K562,CHO-K1,Hela cell lysates using Ferritin antibody(1:1000 diluted).



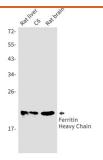
Western blot analysis of extracts from HCT116 cells and Rat intestine tissue using db11194 at 1:1000.



Immunofluorescent analysis of HeLa cells using db11194 antibody (green), and DAPI (blue).







Western blot analysis of Ferritin Heavy Chain in rat liver, C6, rat brain lysates using Ferritin Heavy Chain antibody(1:1000 diluted).