

Recombinant

DGRmAb®

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 dilutionWB: 1:1000
ICC/IF: 1:100
FC: 1:20-1:50**Calculated MW**

21 kDa

Observed MW

21 kDa

Host species

Rabbit

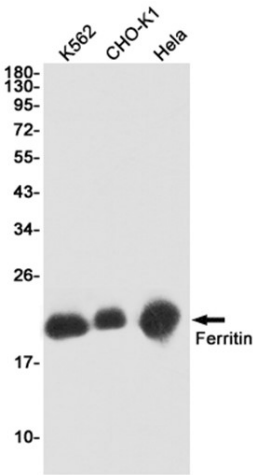
Clonality

Monoclonal

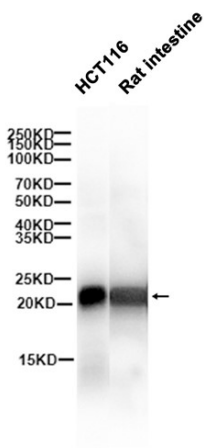
Clonality No.

DGR13104

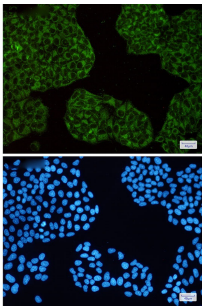
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



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).