

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 dilution

WB: 1:1000  
 ICC/IF: 1:100  
 FC: 1:20-1:50

### Calculated MW

21 kDa

### Observed MW

21 kDa

### Host species

Rabbit

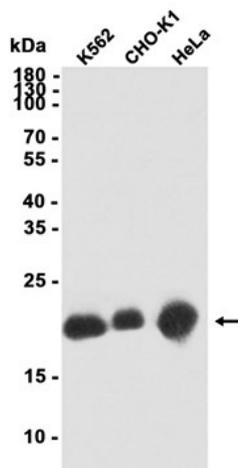
### Clonality

Monoclonal

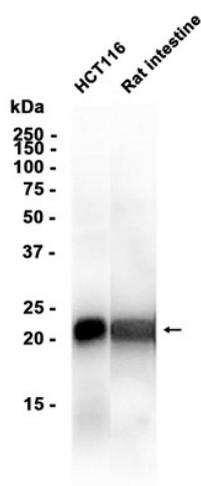
### Clonality No.

DGR13104

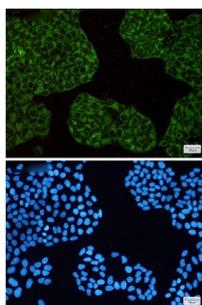
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



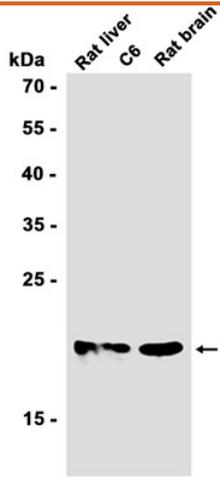
Western blot analysis of extracts from K562, CHO-K1, HeLa cells using db11194 at 1:1000.



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 extracts from C6 cells and Rat liver, Rat brain tissues using db11194 at 1:1000.