

## Ferritin antibody [521]

Cat. No. GTX15742

|              |                        |
|--------------|------------------------|
| Host         | Mouse                  |
| Clonality    | Monoclonal             |
| Isotype      | IgG1                   |
| Applications | ICC/IF, IP, ELISA, RIA |
| Reactivity   | Human                  |

Package  
100 µg

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| ICC/IF             | 1:50-1:200           |
| IP                 | Assay dependent      |
| ELISA              | 1 µg/ml              |
| RIA                | Assay dependent      |

Not tested in other applications.

## Properties

|               |  |
|---------------|--|
| Form          | Liquid   |
| Buffer        | 10mM Potassium Phosphate, 2.5mM KCl, 135mM NaCl, 0.1% BSA  |
| Preservative  | 0.05% Sodium azide   |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 1 mg/ml (Please refer to the vial label for the specific concentration.)   |
| Immunogen     | Human Liver Ferritin   |
| Purification  | Protein A purified   |
| Conjugation   | Unconjugated   |

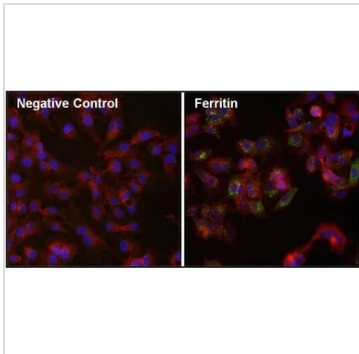
## Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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**DATA IMAGES**

**GTx15742 ICC/IF Image**

ICC/IF analysis of HepG2 cells using GTx15742 Ferritin antibody [521]. Cells were probed without (left) or with(right) an antibody.

Green : Primary antibody

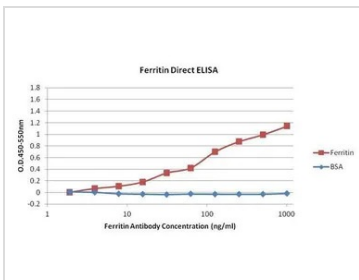
Blue : Nuclei

Red : Actin

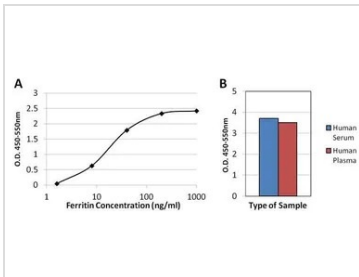
Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 10 minutes

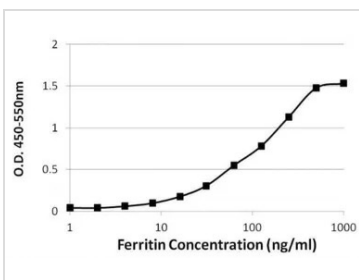
Dilution : 1:200 for at least 1 hour at room temperature


**GTx15742 ELISA Image**

ELISA analysis of human Ferritin or BSA diluted in carbonate/bicarbonate buffer (1 µg/ml, 100µl/well) using GTx15742 Ferritin antibody [521] at 2 - 1000 µg/mL (serial diluted).


**GTx15742 ELISA Image**

Sandwich ELISA analysis of recombinant human ferritin light polypeptide (FTL) standards ranging from 1.6-1000ng/ml (A) or 100ul of diluted normal human serum or diluted normal human plasma (B) using GTx15742 Ferritin antibody [521] (capture antibody) at 1 µg/mL and biotin-conjugated ferritin rabbit polyclonal antibody (detection antibody) at 1 µg/mL.


**GTx15742 ELISA Image**

Sandwich ELISA analysis of recombinant human ferritin light polypeptide (FTL) standards ranging from 1.6-1000ng/ml using GTx15742 Ferritin antibody [521] (detection antibody) at 1 µg/mL and Ferritin duck polyclonal antibody (capture antibody).



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