

Ferritin Heavy Chain Rabbit mAb

Catalog No: #52103

Package Size: #52103-1 50ul #52103-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

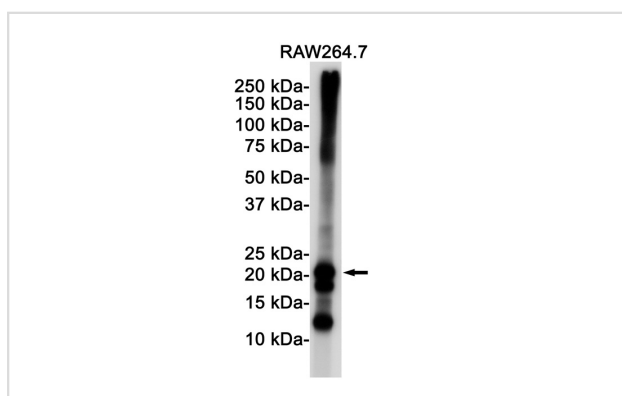
Description

Product Name	Ferritin Heavy Chain Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S03-3D9
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human Ferritin
Conjugates	Unconjugated
Modification	Unmodification
Other Names	Apo ferritin; Cell proliferation-inducing gene 15 protein; Ferritin H subunit; Ferritin heavy chain; Ferritin heavy chain like; Ferritin heavy polypeptide 1; Ferritin L chain; Ferritin L subunit; Ferritin light chain; Ferritin light chain like; Ferritin li
Accession No.	Swiss-Prot:P02794GeneID:2495
Uniprot	P02794
GeneID	2495
Calculated MW	Calculated MW: 21 kDa; Observed MW: 21 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

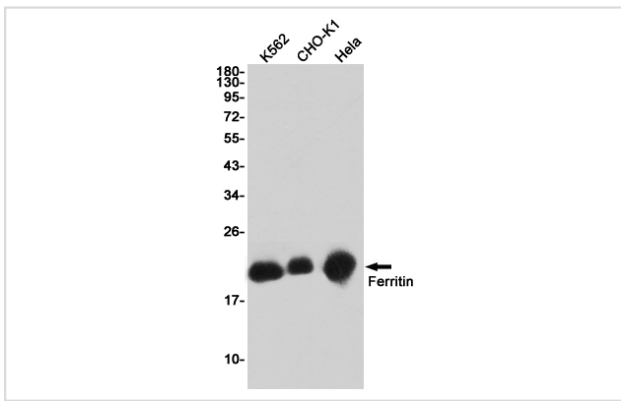
Application Details

WB: 1/1000; ICC/IF: 1/20

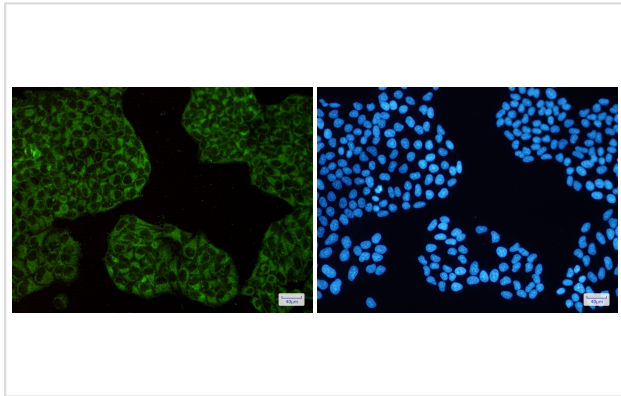
Images



Western blot detection of Ferritin in Raw264.7 cell lysates using Ferritin Rabbit mAb(1:1000 diluted). Predicted band size:21kDa.Observed band size:21kDa.



Western blot detection of Ferritin in K562, CHO-K1, HeLa cell lysates using Ferritin Rabbit mAb (1:1000 diluted). Predicted band size: 21 kDa. Observed band size: 21 kDa.



Immunofluorescence of Ferritin (green) in HeLa cells using Ferritin Rabbit mAb at dilution 1/5, and DAPI (blue)

Background

Swiss-Prot Acc.P02794. Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Has ferroxidase activity. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation. Also plays a role in delivery of iron to cells. Mediates iron uptake in capsule cells of the developing kidney .

Note: This product is for in vitro research use only