

Product name:	Ferritin Heavy Chain Rabbit Monoclonal Antibody
Cat number:	MABN03990
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide of mouse Ferritin Heavy Chain
Reactivity:	Mouse, Rat
Applications:	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight:	Calculated MW:21 kDa;Observed MW: 21 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Liquid in 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 for 12 months. Avoid freeze/thaw cycles.
Background:	Stores iron in a soluble, non-toxic, readily available form (By similarity).Important for iron homeostasis (By similarity).Has ferroxidase activity (By similarity).Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation (By similarity).Also plays a role in delivery of iron to cells (PubMed:19154717).Mediates iron uptake in capsule cells of the developing kidney (PubMed:19154717).