

Anti-Ferritin Heavy Chain Rabbit Monoclonal Antibody

Introduction

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).

Product parameters

Alternative Names	FHC; Fth; HFT; MFH
Gene ID	14319
Gene Name	Fth1
SwissProt ID	P09528
Host	Rabbit
Reactivity	Mouse, Rat
Molecular Weight	Calculated MW: 21 kDa; Observed MW: 21 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-5B5H10
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	Peptide
Purification	Affinity Purified
Buffer System	Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Application	WB, IHC-F, IHC-P
Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100

Research Field	Neuroscience
Product Categories	Primary antibody
Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.



Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.





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