

## Basic Information

<b>Product Name</b>	Anti-Ferritin Antibody (Clone#FBA-6)		
<b>Gene Name</b>	FTH1/FTL		
<b>Source</b>	Rabbit		
<b>Clonality</b>	Monoclonal		
<b>Isotype</b>	IgG		
<b>Species Reactivity</b>	human, mouse, rat		
<b>Tested Application</b>	WB, ICC/IF		
<b>Contents</b>	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.		
<b>Immunogen</b>	A synthesized peptide derived from human Ferritin		
<b>Concentration</b>	500 ug/ml		
<b>Purification</b>	Affinity-chromatography		
<b>Observed MW</b>	19 kDa		
<b>Dilution Ratios</b>	Western blot (WB):	1:500-2000	
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-200	

## Storage

12 months from date of receipt, -20°C as supplied.

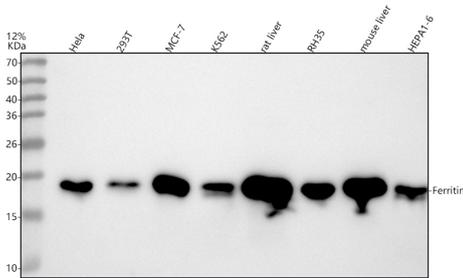
## Background Information

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 (By similarity).

## Reference

Anti-Ferritin Antibody (Clone#FBA-6)被引用在25文献中。

## Selected Validation Data



Western blot analysis of anti-Ferritin antibody (BM4487). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human HeLa whole cell lysates,

Lane 2: human 293T whole cell lysates,

Lane 3: human MCF-7 whole cell lysates,

Lane 4: human K562 whole cell lysates,

Lane 5: rat liver tissue lysates,

Lane 6: rat RH-35 whole cell lysates,

Lane 7: mouse heart tissue lysates,

Lane 8: mouse Hepa1-6 whole cell lysates.

After electrophoresis, proteins were transferred to a membrane.

Then the membrane was incubated with rabbit anti-Ferritin antigen

affinity purified monoclonal antibody (BM4487) at a dilution of

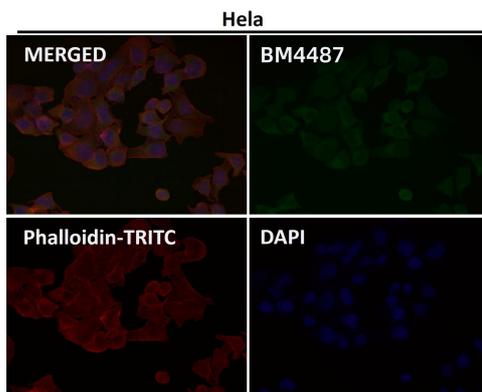
1:1000 and probed with a goat anti-rabbit IgG-HRP secondary

antibody (Catalog # BA1054). The signal is developed using ECL Plus

Western Blotting Substrate (Catalog # AR1197). A specific band was

detected for Ferritin at approximately 19 kDa. The expected band

size for Ferritin is at 21 kDa.



Immunofluorescent analysis using the Antibody.