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## Datasheet for ABIN5596710 anti-Ferritin antibody (HRP)

### Overview

Quantity:	100 µg
Target:	Ferritin (FE)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ferritin antibody is conjugated to HRP
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Fluorescence Microscopy (FM)

### Product Details

Immunogen:	Immunogen: Ferritin [Human Spleen] Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity against Ferritin from other sources is unknown.
Purification:	Anti-Ferritin (Human Spleen) Antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum as well as purified and partially purified Ferritin [Human Spleen].

### Target Details

Target:	Ferritin (FE)
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## Target Details

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Alternative Name: Ferritin ([FE Products](#))

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Background: Synonyms: Ferritin H subunit, Ferritin heavy chain like, Ferritin heavy polypeptide 1, Ferritin L subunit, Ferritin light chain like, Ferritin light polypeptide, Ferritin, heavy polypeptide, FTH  
Background: Ferritin is an intracellular protein that directly stores iron and regulates its release, specifically acting as a buffer for iron in humans. Ferritin is composed of 24 subunits and comes in two types, H and L. The H subunit detoxifies iron while the L subunit deals with long term storage of iron. Depending on the concentration of ferritin in the blood, different disorders and diseases could be present in an individual. Anti-Ferritin (Human Spleen) Antibody is ideal for investigators in Cancer, Immunology, and Cardiovascular Research.

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Gene ID: 2495

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UniProt: [P02794](#)

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Pathways: [Transition Metal Ion Homeostasis](#)

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## Application Details

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Application Notes: Immunohistochemistry Dilution: 1:200 - 1:1,000  
Application Note: Anti-Ferritin (Human Spleen) Antibody has been assayed against 1.0 µg of Ferritin [Human Spleen] in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenzothiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:12,000 to 1:60,000 of the reconstitution concentration is suggested for Anti-Ferritin (Human Spleen) Antibody.  
Western Blot Dilution: User Optimized  
ELISA Dilution: User Optimized  
IF Microscopy Dilution: User Optimized

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Comment: User Optimized

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Reconstitution: Reconstitution Volume: 100 µL  
Reconstitution Buffer: Restore with deionized water (or equivalent)

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Concentration: 1.0 mg/mL

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Buffer: Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

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## Handling

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Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

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Preservative: Gentamicin sulfate

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Precaution of Use: This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C, -20 °C

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Storage Comment: Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

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Expiry Date: 12 months