Datasheet for ABIN99122
anti-Ferritin antibody

| 1 | Image | 6 | Publications |

Overview

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

Product Details

Immunogen:	Ferritin [Human Spleen] Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity against Ferritin from other tissues and species may occur but have not been specifically determined.
Purity:	Anti-FERRITIN 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-Rabbit Serum as well as purified and partially purified Ferritin [Human Spleen].
Endotoxin Level:	Low Endotoxin : No

Target Details

Target:	Ferritin (FE)
Alternative Name:	Ferritin (FE Products)
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
Gene ID:	2495
UniProt:	P02794
Pathways:	Transition Metal Ion Homeostasis

Application Details

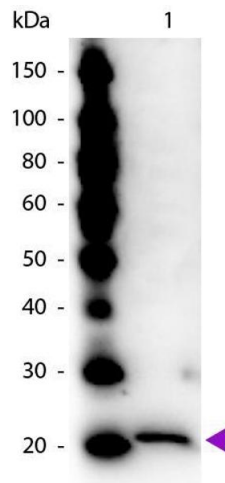|	
Application Notes:	ELISA Dilution: 1:5.000 - 1:20.000
	Immunohistochemistry Dilution: 1:200 - 1:1.000
	Western Blot Dilution: 1:5.000 - 1:2.000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Handling Advice:	Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store vial at -20 °C or below prior to opening. This vial contains a relatively low volume of reagent (25 μL). To minimize loss of volume dilute 1:10 by adding 225 μL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below.
Expiry Date:	Expiration date is one (1) year from date of opening.

Publications

Product cited in:	Miller, Tejada, Gazzano-Santoro: "Development of an ELISA based bridging assay as a surrogate measure of ADCC." in: **Journal of immunological methods**, (2012) (PubMed).

There are more publications referencing this product on: Product page

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Images

Western Blotting

Image 1. Western Blot of Rabbit Anti-Ferritin antibody. Lane 1: Ferritin. Lane 2: None. Load: 50 ng per lane. Primary antibody: Ferritin primary antibody at 1:1,000 overnight at 4°C. Secondary antibody: Peroxidase rabbit secondary antibody at 1:40,000 for 30 min at RT. Blocking: ABIN925618 for 30 min at RT. Predicted/Observed size: 20 kDa, 20 kDa for Ferritin. Other band(s): None.