



Anti-Ferritin monoclonal antibody, clone NM12G12 (DCABH-20048)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	MAb to Human Ferritin Monoclonal Antibody to Human Ferritin
Antigen Description	<p>Ferritin is a ubiquitous intracellular protein that stores iron and releases it in a controlled fashion. The protein is produced by almost all living organisms, including algae, bacteria, higher plants, and animals. In humans, it acts as a buffer against iron deficiency and iron overload. Ferritin is found in most tissues as a cytosolic protein, but small amounts are secreted into the serum where it functions as an iron carrier. Plasma ferritin is also an indirect marker of the total amount of iron stored in the body, hence serum ferritin is used as a diagnostic test for iron deficiency anemia.</p> <p>Ferritin is a globular protein complex consisting of 24 protein subunits and is the primary intracellular iron-storage protein in both prokaryotes and eukaryotes, keeping iron in a soluble and non-toxic form. Ferritin that is not combined with iron is called apoferritin.</p>
Specificity	Human Ferritin
Target	Ferritin
Immunogen	Purified human ferritin.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	NM12G12
Affinity Constant	Not determined

Purification	>95% pure (SDS-PAGE). Protein G chromatography
Conjugate	Unconjugated
Applications	ELISA(Cap)
Format	Purified, Liquid
Concentration	2mg/ml (OD280 nm)
Size	1 mg
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
Preservative	0.095 % NaN ₃
Storage	Short-term (up to 2 months) store at < -20°C. Long term (>2 months) store at < -40°C.

BACKGROUND

Introduction	Ferritin is a ubiquitous intracellular protein that stores iron and releases it in a controlled fashion. The protein is produced by almost all living organisms, including algae, bacteria, higher plants, and animals. In humans, it acts as a buffer against
Keywords	Anti-Ferritin Mab; Ferritin; Mouse Anti-Ferritin Monoclonal Antibody; Ferritin; Ferritin; Mouse Anti-Human FTH1 Monoclonal Antibody; Anti-HumanFTH1 Monoclonal Antibody; HumanFTH1 Monoclonal Antibody; Mouse Anti-Human FTH1 MAb; Anti-Human FTH1 MAb; Human F

GENE INFORMATION

Entrez Gene ID	2495
UniProt ID	P02794