

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: MAM04-710 **Lot #:** H0294.1

Description: MAb to Ferritin
Monoclonal Antibody to Human Ferritin (Spleen)

Specificity: Human Ferritin

Host Animal: Mouse **Isotype:** IgG₁, kappa

Source: Ascites

Immunogen: Ferritin from human spleen.

Format: Purified, Liquid **Exp. Date:** 23 NOV 2024

Purification: > 90% pure (SDS-PAGE). Protein A Chromatography
Product is 0.2 µm filtered.

Concentration: 4.8 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: 10 mM Phosphate, pH 7.4 containing 150 mM Sodium Chloride.

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Recommended antibody pairs for sandwich immunoassay:

Capture	Detection
MAM04-710	MAM04-010
MAM04-710	MAM04-175
MAM04-710	MAM04-187
MAM04-030	MAM04-710

Storage: Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

References: The reference listed below is for research purposes only:
Englebienne, P., et al., (2000), "Rapid Homogeneous Immunoassay for Human Ferritin in the Cobas Mira Using Colloidal Gold as the Reporter Reagent", Clinical Chemistry, 46(12): 2000-2003.

Quality Signature/

23 November 2022

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY