

CERTIFICATE OF ANALYSIS

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

Catalog #:	MAM04-030	Lot #:	H0925										
Description:	MAb to Ferritin Monoclonal Antibody to Human Ferritin												
Specificity:	Ferritin												
Host Animal:	Mouse	Isotype:	IgG ₁ , kappa										
Source:	Ascites												
Immunogen:	Ferritin isolated from human liver.												
Format:	Purified, Liquid	Exp. Date:	26 MAR 2021										
Purification:	> 90% pure (SDS-PAGE). Protein A chromatography. Product is 0.2 µm filtered.												
Concentration:	5.2 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 pairs for sandwich immunoassay: <table border="0"><thead><tr><th><u>Capture</u></th><th><u>Detection</u></th></tr></thead><tbody><tr><td>MAM04-030</td><td>MAM04-010</td></tr><tr><td>MAM04-030</td><td>MAM04-075</td></tr><tr><td>MAM04-030</td><td>MAM04-187</td></tr><tr><td>MAM04-030</td><td>MAM04-710</td></tr></tbody></table>			<u>Capture</u>	<u>Detection</u>	MAM04-030	MAM04-010	MAM04-030	MAM04-075	MAM04-030	MAM04-187	MAM04-030	MAM04-710
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Storage:	Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at <-40°C. If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used. Avoid repeated 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", <u>Clinical Chemistry</u> , 46 (12): 2000-2003.												

Signature

28 MAR 2019
Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY