

CERTIFICATE OF ANALYSIS

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

Catalog #: Page 1 of 2	M66103M	Lot #:	5E12511
Description:	MAb to Osteopontin (NT) Monoclonal Antibody to Human Osteopontin, N-Terminal (NT)		
Specificity:	Specific to Osteopontin (OPN) N-terminal (a.a. 1-166). Recognizes native and recombinant OPN. Crossreacts with human and mouse OPN.		
Host Animal:	Mouse	Isotype:	IgG ₁
Source:	Ascites		
Immunogen:	Recombinant full-length Osteopontin		
Format:	Purified, Liquid	Exp. Date:	11 FEB 2021
Purification:	> 90% pure (SDS-PAGE). Protein A Chromatography Product is 0.2 µm filtered.		
Concentration:	5.07 mg/mL (OD280nm, E ^{0.1%} = 1.4)		
Buffer:	10 mM Sodium Phosphate, 150 mM Sodium Chloride, pH 7.4 ± 0.2.		
Preservative:	0.05% Sodium Azide		

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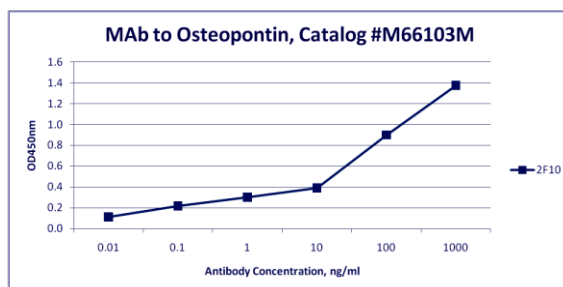
Applications:

Suitable for use in ELISA and Western blot. 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 pair for sandwich immunoassay:

Capture
 M66103M

Detection
 M66105M



Titration curve of M66103M in indirect ELISA:

Antigen: Recombinant full-length Osteopontin, coated at 0.1 µg/ml

Antibody: Dilution series of M66103M, incubated 2 hours at room temp. followed by Goat anti-Mouse IgG:HRP conjugate and TMB substrate

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.

Safety Note(s):

See appropriate Safety Data Sheet (SDS) for additional information.

References:

The reference listed below is for research purposes only:
 Plumer, A., et al., (2008), "Development of fragment-specific osteopontin antibodies and ELISA for quantification in human metastatic breast cancer", *BMC Cancer*, 8:38.

Signature

11 February 2019

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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