www.antibodiesinc.com
orders@antibodiesinc.com
530-758-4400

PRODUCT DATASHEET

Anti-Osteopontin (N-terminal region) Antibody

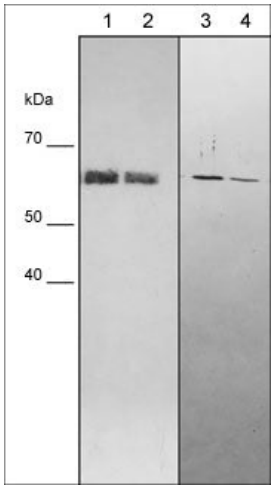
phosphosolutions ANTIBODIES THAT WORK

Product Details

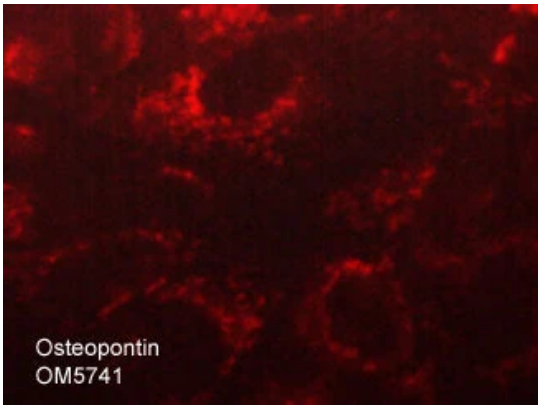
Available Variants	100 µL (SKU:OM5741)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M574
Gene Name	SPP1
Host Species	Mouse
Format	Protein G Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:500 ICC: 1:50
Species Reactivity	Human, Mouse, Rat
Immunogen	Clone M574 was generated from a recombinant protein containing amino acid residues in the N-terminal region of human osteopontin. This sequence has high homology with rat and mouse osteopontin.
Specificity	Clone M574 was purified using Protein G chromatography. The antibody detects a 60 kDa* protein corresponding to the molecular mass of Osteopontin on SDS-PAGE immunoblots of human MDA-MB-231 cells and human full length recombinant Osteopontin protein.
Molecular Weight	60
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at

	-20°C.
UniProt ID	P10451 UniProt Summary: Major non-collagenous bone protein that binds tightly to hydroxyapatite. Appears to form an integral part of the mineralized matrix. Probably important to cell-matrix interaction.
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	6696

Product Images



Western blot analysis of human recombinant osteopontin protein (lane 1 & 2) or human MDA-MB-231 cells (lane 3 & 4). The blots were probed with mouse monoclonal anti-Osteopontin (OM5741) at a dilution of 1:1000 (lane 1), 1:4000 (lane 2), 1:250 (lane 3), and 1:1000 (lane 4).



Immunocytochemical labeling of Osteopontin in paraformaldehyde fixed and NP-40 permeabilized MCF-7 cells. The cells were labeled with mouse monoclonal anti-Osteopontin (M574). The antibody was detected using goat anti-mouse DyLight® 594.

Created on 21. November 2026 | All information without guarantee