



BMA BIOMEDICALS

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Polyclonal Antibody To Mouse Osteopontin

Rabbit Anti Mouse Bone Sialoprotein-1, Secreted Phosphoprotein-1 (SPP-1)

Osteopontin is an extensively phosphorylated and glycosylated 278-residue chemokine. It interacts with alpha-V/beta-3, CD44 and other adhesion structures. Biologically, it appears to form part of the mineralized matrix and is involved in enhancing production of interferon-gamma and interleukin-12 and reducing production of interleukin-10. Immunohistological detection and plasma levels are correlated with poor outcome in neoplastic diseases. The antibody has been generated by repeated immunizations of rabbits with purified mouse osteopontin.

Product Number:	T-2501 (Lot 01PS0611)
Clone:	Polyclonal antibody
Host species, isotype:	Rabbit IgG
Quantity:	500µl
Format:	Lyophilized antiserum Reconstitute by adding 0.5ml distilled water. This stock solution contains rabbit antiserum, phosphate buffered saline pH 7.2 (PBS) and 0.09% sodium azide as a preservative.
Stability:	Original vial: 1 year at 4° - 8°C.
Applications:	Tested for immunohistochemistry (IHC). Has been described to work in ELISA and western blot Approximate working dilution for IHC: Frozen sections: 1:500 Paraffin sections: 1:100 (Pretreatment not necessary). Optimal dilutions should be determined by the end user. Suggested positive control: mouse kidney. Please see www.bma.ch for protocols and general information.
Immunogen:	Purified osteopontin from mouse kidney cell culture.
Antigen, epitope:	Mouse osteopontin; the antigen migrates as a 55kDa band in 4-12% Bis Tris gel with MOPS buffer. 60-65kDa and 110kDa bands have been noted with other protocols.
Species specificity:	Mouse; some cross reactivity with rat, pig and human urinary osteopontin has been described.

For in vitro research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.

T-2501

Osteopontin

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