

Mouse anti-Human Osteopontin Monoclonal Antibody | anti-SPP1 antibody

Osteopontin Monoclonal Antibody

CATALOG # AAA308392	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Osteopontin; Monoclonal Antibody; Osteopontin Monoclonal Antibody; Bone sialoprotein 1; Nephropontin; Secreted phosphoprotein 1; SPP-1; Urinary stone protein; Uropontin; BNSP; OPN; PSEC0156; anti-SPP1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Specific for human Osteopontin denatured and native forms
Purity/Purification	Protein G Purified
Form/Format	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	300
Applicable Applications for anti-SPP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Human Osteopontin
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES



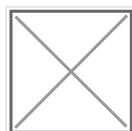
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Kidney tissue using at dilution of 1:200.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon cancer using at dilution of 1:200.



WB (Western Blot)

All Lanes Mouse anti human OPN monoclonal antibody at at 2 ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SPP1 antibody	Binds tightly to hydroxyapatite. Appears to form an integral part of the mineralized matrix. Probably important to cell-matrix interaction. Acts as a cytokine involved in enhancing production of interferon-gamma and interleukin-12 and reducing production of interleukin-10 and is essential in the pathway that leads to type I immunity
Product Categories/Family for anti-SPP1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759166
NCBI GeneID	6696
NCBI Accession #	NP_000573.1
NCBI GenBank Nucleotide #	NM_000582.2
UniProt Accession #	P10451; Q15681; Q15682; Q15683; Q4W597; Q567T5; Q8NBK2; Q96IZ1; B2RDA1
Molecular Weight	33,843 Da
NCBI Official Full Name	osteopontin isoform OPN-b
NCBI Official Synonym Full Names	secreted phosphoprotein 1
NCBI Official Symbol	SPP1
NCBI Official Synonym Symbols	OPN; BNSP; BSPI; ETA-1
NCBI Protein Information	osteopontin
UniProt Protein Name	Osteopontin
UniProt Gene Name	SPP1
UniProt Synonym Gene Names	BNSP; OPN; SPP-1
UniProt Entry Name	OSTP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/osteopontin-antibody-immunohistochemistry-western-blot-elisa/308392>