

Rabbit Osteopontin Monoclonal Antibody | anti-SPP1 antibody

Anti-Osteopontin Antibody

CATALOG # AAA265701	HOST Rabbit	REACTIVITY Human, Rat, Hamster	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Osteopontin; Monoclonal Antibody; Anti-Osteopontin Antibody; anti-SPP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Hamster
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of Osteopontin protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 50mM Tris-Glycine (pH7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Applicable Applications for anti-SPP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Osteopontin
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of Osteopontin staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.64). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Osteopontin expression in Hela (A), CHOK1 (B), C6 (C), Jurkat (D) whole cell lysates. (Predicted band size: 35 kD; Observed band size: 35 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-SPP1 antibody	Rabbit monoclonal antibody to Osteopontin
Product Categories/Family for anti-SPP1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759166
NCBI GeneID	6696

NCBI Accession #	NP_000573.1
NCBI GenBank Nucleotide #	NM_000582.2
UniProt Accession #	P10451 ; P08721
Molecular Weight	35,423 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; uropontin; nephropontin; SPP1/CALPHA1 fusion; urinary stone protein; early T-lymphocyte activation 1; osteopontin/immunoglobulin alpha 1 heavy chain constant region fusion protein; secreted phosphoprotein 1 (osteopontin, bone sialoprotein I,
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/265701>