

Product Name: Osteopontin Rabbit Monoclonal Antibody**Catalog #: AMRe21386**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	WB 1:2000-1:10000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
Molecular Weight	Calculated MW:35kD;Observed MW:55,65kD

Antigen Information

Gene Name	SPP1
Alternative Names	SPP1;BNSP;OPN;PSEC0156;Osteopontin;Bone sialoprotein 1;Nephropontin;Secreted phosphoprotein 1;SPP-1;Urinary stone protein;Uropontin
Gene ID	6696
SwissProt ID	P10451
Immunogen	Recombinant protein of human Osteopontin

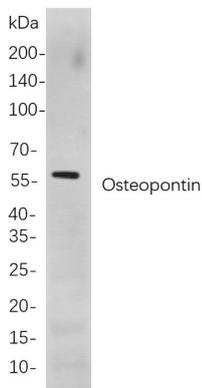
Background

Cell localization:Secreted.secreted phosphoprotein 1(SPP1) Homo sapiens The protein encoded by this gene is involved inThe

attachment of osteoclasts toThe mineralized bone matrix.The encoded protein is secreted and binds hydroxyapatite with high affinity.The osteoclast vitronectin receptor is found inThe cell membrane and may be involved inThe binding to this protein. This protein is also a cytokine that upregulates expression of interferon-gamma and interleukin-12. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011],

Research Area

Image Data



Western blot analysis of lysates from A549 cells, using Osteopontin Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.