

## Mouse Monoclonal Antibody to SPP1

Catalogue Number	sAP-0790
Target Molecule	<b>Name:</b> SPP1 <b>Aliases:</b> OPN; BNSP; BSPI; ETA-1 <b>MW:</b> 35.4kDa <b>Entrez Gene ID:</b> 6696
Description	The protein encoded by this gene is involved in the attachment of osteoclasts to the mineralized bone matrix. The encoded protein is secreted and binds hydroxyapatite with high affinity. The osteoclast vitronectin receptor is found in the cell membrane and may be involved in the 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. ; ; ;
Immunogen	Purified recombinant fragment of human SPP1 (AA: 167-314) expressed in E. Coli.
Reactive Species	Human;
Clone	MM7C5H12;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Blood. 2012 May 31;119(22):5215-20. ; 2.J Cancer Res Ther. 2011 Apr-Jun;7(2):138-42. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**