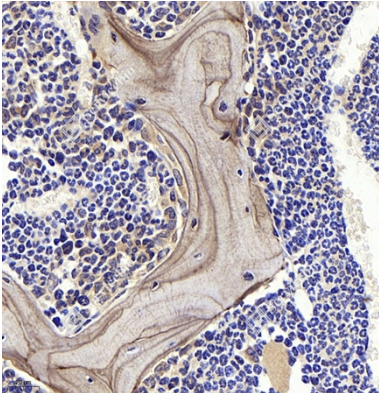
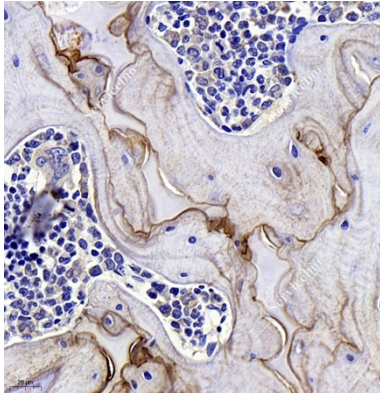
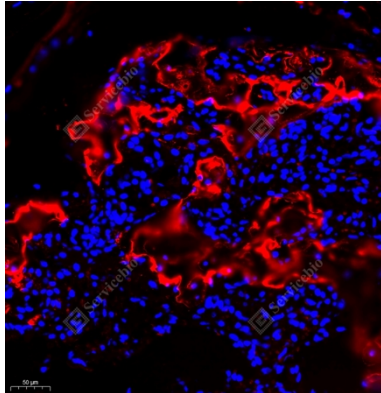


Anti-Osteopontin Rabbit pAb



GB11500 -20°C

Product Information			
Protein full name	Osteopontin		
Synonyms	Bone sialoprotein 1, Nephropontin, Secreted phosphoprotein 1, SPP-1, Urinary stone protein, Uropontin, SPP1, BNSP, OPN, PSEC0156, BSPI, ETA-1, Osteopontin		
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Osteopontin		
Uniprot ID	P10923		
Isotype	IgG		
Purity	Affinity purification		
Subcellular location	Secreted		
Applications	Species	Dilution	Positive Tissue
IHC/IF	Human, Mouse, Rat	1: 500-1: 2000	bone
Storage			
Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Storage Buffer	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.		
background			
Osteopontin (OPN), also known as bone sialoprotein I (BSP-1 or BNSP), early T-lymphocyte activation (ETA-1), secreted phosphoprotein 1 (SPP1), 2ar and Rickettsia resistance (Ric), is a protein that in humans is encoded by theSPP1 gene (secreted phosphoprotein 1).Osteopontin is the principal phosphorylated glycoprotein of bone and is expressed in a limited number of other tissues including dentine. Osteopontin is produced by osteoblasts under stimulation by calcitriol and binds tightly to hydroxyapatite.			
Images			
 IHC analysis of Osteopontin(GB11500). Sample: Mouse bone, 4% PFA (G1101) 12-24h. Antigen retrieval: Citrate buffer (pH 6.0) (G1201), 98°C, 20 min. Primary antibody: 1: 1000, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 200, RT, 1h.  IHC analysis of Osteopontin(GB11500). Sample: Rat bone, 4% PFA (G1101) 12-24h. Antigen retrieval: Citrate buffer (pH 6.0) (G1201), 98°C, 20 min. Primary antibody: 1: 1000, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 200, RT, 1h.  IF analysis of Osteopontin(GB11500)red. Sample: Rat bone, 4% PFA (G1101) 12-24h. Antigen retrieval: Tris-EDTA buffer (pH 9.0) (G1203), 98°C, 20min. Blocking buffer: 3% BSA (GC305010) in PBS, RT, 30min. Primary antibody: 1: 500, 4°C overnight. Secondary antibody: Cy3 conjugated Goat Anti-Rabbit IgG (H+L) (GB21303), 1: 300, RT, 1h.			

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