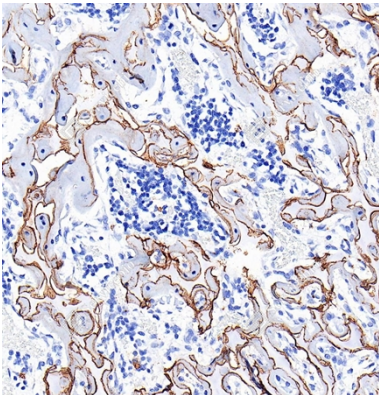
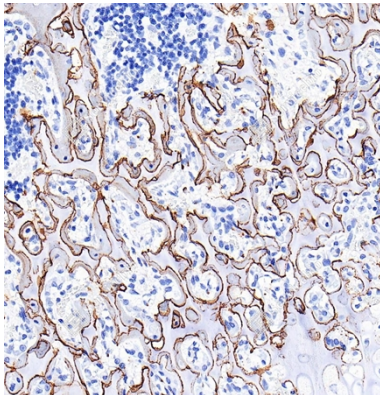
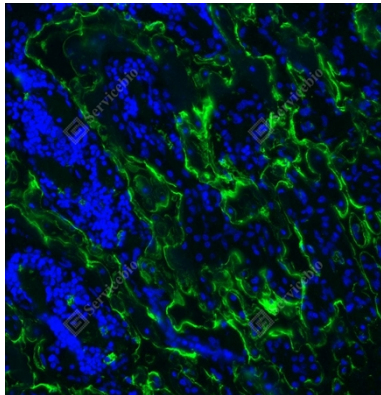


Recombinant Anti-Osteopontin antibody (Rabbit mAb)



GB150175 -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 Rat Osteopontin		
Uniprot ID	P08721		
Isotype	IgG		
Clone Number	SB629		
Purity	Affinity purification		
Subcellular location	Secreted		
Applications	Species	Dilution	Positive Tissue
IHC/IF	Mouse, Rat	1: 200-1: 400	kidney
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(GB150175). Sample: Rat bone, 4% PFA (G1101) 12-24h. Antigen retrieval: Antigen retrieval instrument: (ARI-4), Citrate buffer (pH 6.0) (G1201), 90°C, 30 min. Primary antibody: 1: 400, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Rabbit IgG (H+L), Ready to use(G1302), RT, 20min.  IHC analysis of Osteopontin(GB150175). Sample: Rat bone, 4% PFA (G1101) 12-24h. Antigen retrieval: Antigen retrieval instrument: (ARI-4), Citrate buffer (pH 6.0) (G1201), 90°C, 30 min. Primary antibody: 1: 400, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Rabbit IgG (H+L), Ready to use(G1302), RT, 20min.  IF analysis of Osteopontin(GB150175)green . Sample: Rat bone, 4% PFA (G1101) 12-24h. Antigen retrieval: Antigen retrieval instrument: (ARI-4), Citrate buffer (pH 6.0) (G1201), 90°C, 30 min. Blocking buffer: 3% BSA (GC305010) in PBS, RT, 30min. Primary antibody: 1: 400, 4°C overnight. Secondary antibody: 488 conjugated Goat Anti-Rabbit IgG (H+L) (GB25303). 1: 400. RT. 1h.			

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