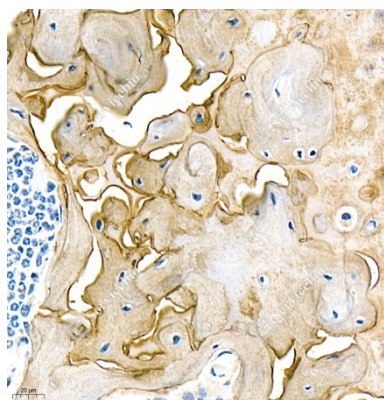


# Anti-Bone Sialoprotein Rabbit pAb

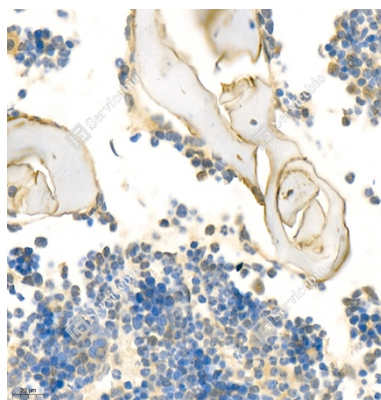


**GB11588 -20°C**

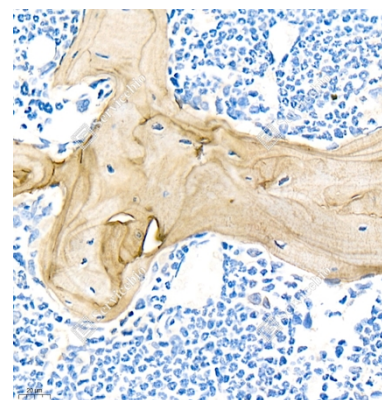
| Product Information                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                           |                |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------|-----------------|
| Protein full name                                                                                                                                                                                                                                                                                                                                                                                                                           | Bone sialoprotein 2                                                       |                |                 |
| Synonyms                                                                                                                                                                                                                                                                                                                                                                                                                                    | IBSP, BNSP, BSP, BSP-II, SP-II, Integrin binding sialoprotein             |                |                 |
| Immunogen                                                                                                                                                                                                                                                                                                                                                                                                                                   | KLH conjugated Synthetic peptide corresponding to Mouse Bone Sialoprotein |                |                 |
| Uniprot ID                                                                                                                                                                                                                                                                                                                                                                                                                                  | Q61711                                                                    |                |                 |
| Isotype                                                                                                                                                                                                                                                                                                                                                                                                                                     | IgG                                                                       |                |                 |
| Purity                                                                                                                                                                                                                                                                                                                                                                                                                                      | Affinity purification                                                     |                |                 |
| Subcellular location                                                                                                                                                                                                                                                                                                                                                                                                                        | Secreted                                                                  |                |                 |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                | Species                                                                   | Dilution       | Positive Tissue |
| IHC/IF                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mouse, Rat                                                                | 1: 500-1: 1500 | 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                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                           |                |                 |
| Bone sialoprotein (BSP) is a component of mineralized tissues such as bone, dentin, cementum and calcified cartilage. BSP is a significant component of the bone extracellular matrix and has been suggested to constitute approximately 8% of all non-collagenous proteins found in bone and cementum. It is synthesized by skeletal-associated cell types, including hypertrophic chondrocytes, osteoblasts, osteocytes, and osteoclasts. |                                                                           |                |                 |
| Images                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                           |                |                 |



IHC analysis of Bone Sialoprotein(GB11588).  
Sample: Mouse bone, 4% PFA (G1101) 12-24h.  
Antigen retrieval: Citrate buffer (pH 6.0) (G1201), 98°C, 20 min.  
Primary antibody: 1: 500, 4°C overnight.  
Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 200, RT, 1h.



IHC analysis of Bone Sialoprotein(GB11588).  
Sample: Rat bone, 4% PFA (G1101) 12-24h.  
Antigen retrieval: Citrate buffer (pH 6.0) (G1201), 98°C, 20 min.  
Primary antibody: 1: 500, 4°C overnight.  
Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 200, RT, 1h.



IHC analysis of Bone Sialoprotein(GB11588).  
Sample: Mouse bone, 4% PFA (G1101) 12-24h.  
Antigen retrieval: Citrate buffer (pH 6.0) (G1201), 98°C, 20 min.  
Primary antibody: 1: 1500, 4°C overnight.  
Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 200, RT, 1h.

**For Research Use Only!**

**Ver. No.: V2.0-20260420**