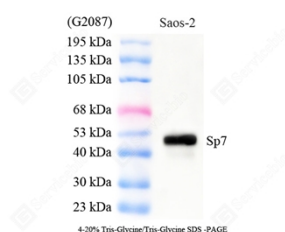


Recombinant Anti-Sp7/Osterix antibody (Rabbit mAb)

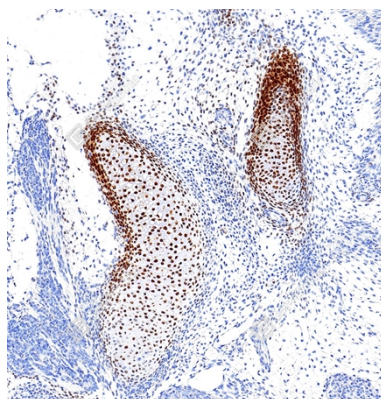


GB151900 -20°C

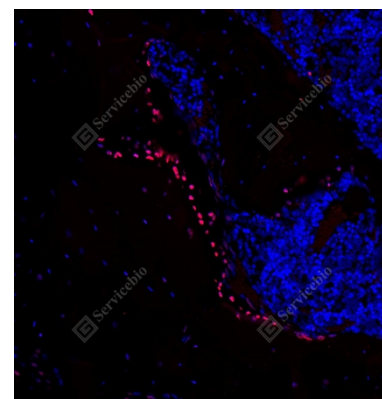
Product Information			
Protein full name	Transcription factor Sp7		
Synonyms	C22, Zinc finger protein osterix, Sp7, Osx, Osterix, Sp7 transcription factor		
Immunogen	Recombinant protein corresponding to Human Sp7		
Uniprot ID	Q8TDD2		
Isotype	IgG		
Clone Number	SB491		
Purity	Affinity purification		
Subcellular location	Nucleus		
Predicted MW./Observed MW.	45 kDa / 45 kDa		
Applications	Species	Dilution	Positive Tissue
WB	Human	1: 500-1: 2000	Saos-2
IHC/IF	Human, Mouse, Rat	1: 1500-1: 3000	embryo, 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			
This gene encodes a member of the Sp subfamily of Sp/XKLF transcription factors. Sp family proteins are sequence-specific DNA-binding proteins characterized by an amino-terminal trans-activation domain and three carboxy-terminal zinc finger motifs. This protein is a bone specific transcription factor and is required for osteoblast differentiation and bone formation.			
Images			



WB analysis of Sp7/Osterix(GB151900).
Sample: Protein treated by RIPA Lysis Buffer (G2002).
Blocking buffer: 3% Nonfat dry milk (GC310001) in TBST, RT, 1h.
Primary antibody: 1: 500, 4°C overnight.
Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 5000, RT, 1h.



IHC analysis of Sp7/Osterix(GB151900).
Sample: Mouse embryo, 4% PFA (G1101) 12-24h.
Antigen retrieval: Tris-EDTA buffer (pH 9.0) (G1203), 100°C 25min.
Primary antibody: 1: 1500, 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 Sp7/Osterix(GB151900)red.
Sample: Rat bone, 4% PFA (G1101) 12-24h.
Antigen retrieval: Tris-EDTA buffer (pH 9.0) (G1203), 100°C 25min.
Blocking buffer: 3% BSA (GC305010) in PBS, RT, 30min.
Primary antibody: 1: 1500, 4°C overnight.
Secondary antibody: Cy3 conjugated Goat Anti-Rabbit IgG (H+L) (GB21303), 1: 300, RT, 1h.

For Research Use Only!

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