

Anti-Sp7/Osterix Rabbit pAb



GB111900 -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 Mouse Sp7
Uniprot ID	Q8VI67
Isotype	IgG
Purity	Affinity purification
Subcellular location	Nucleus

Applications	Species	Dilution	Positive Tissue
IHC/IF	Mouse, Rat	1: 200-1: 1000	bone injury, embryonic mouse, embryonic rat

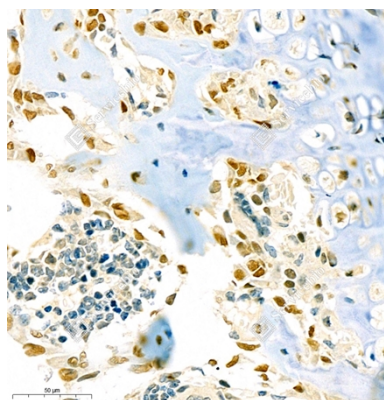
Storage

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.

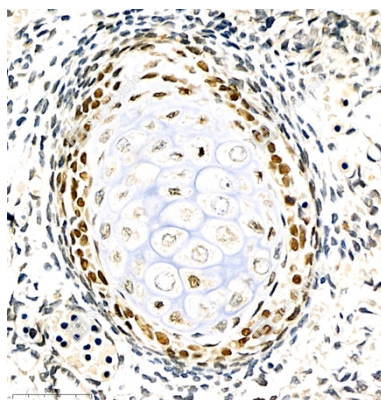
background

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.

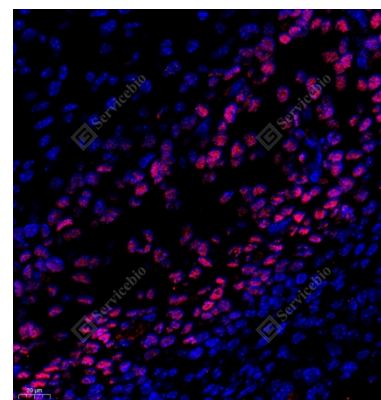
Images



IHC analysis of Sp7/Osterix(GB111900).
Sample: Mouse bone injury, 4% PFA (G1101) 12-24h.
Antigen retrieval: Citrate buffer (pH 6.0) (G1201), 98°C, 20 min.
Primary antibody: 1: 200, 4°C overnight.
Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 200, RT, 1h.



IHC analysis of Sp7/Osterix(GB111900).
Sample: Rat embryonic rat, 4% PFA (G1101) 12-24h.
Antigen retrieval: Citrate buffer (pH 6.0) (G1201), 98°C, 20 min.
Primary antibody: 1: 300, 4°C overnight.
Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 200, RT, 1h.



IF analysis of Sp7/Osterix(GB111900)red.
Sample: Rat embryonic rat, 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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