

Anti-Osterix/SP7 Antibody (Monoclonal, 33S10)

Catalog Number: M02077

About SP7

Transcription factor Sp7, also called Osterix (Osx), is a protein that in humans is encoded by the SP7 gene. 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.

Overview

Product Name	Anti-Osterix/SP7 Antibody (Monoclonal, 33S10)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Osterix/SP7 Antibody (Monoclonal, 33S10) catalog # M02077. Tested in WB, IHC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, WB
Clonality	Monoclonal 33S10
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q8TDD2

Technical Details

Immunogen	Recombinant protein within human Sp7 aa 3-298.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200 Immunofluorescence, 1:50-200

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