

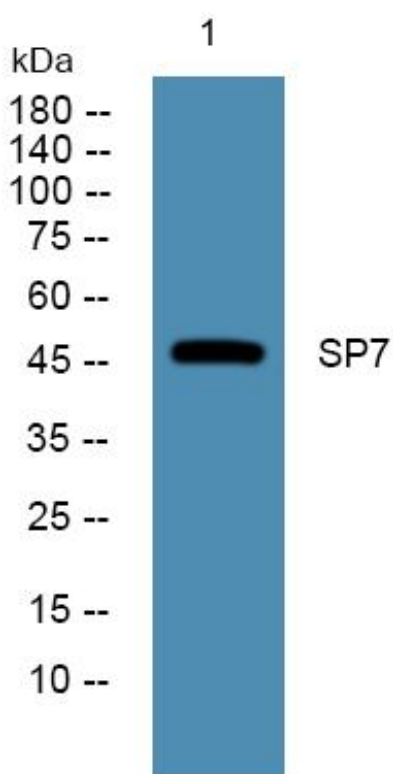


SP7 Monoclonal Antibody

Catalog No	YP-mAb-05206
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SP7 OSX
Protein Name	Transcription factor Sp7 (Zinc finger protein osterix)
Immunogen	Synthesized peptide derived from human protein . at AA range: 280-360
Specificity	SP7 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	47kD
Cell Pathway	Nucleus .
Tissue Specificity	Restricted to bone-derived cell.
Function	function:Transcriptional activator essential for osteoblast differentiation. Binds to Sp1 and EKLF consensus sequences and to other G/C-rich sequences.,similarity:Belongs to the Sp1 C2H2-type zinc-finger protein family.,similarity:Contains 3 C2H2-type zinc fingers.,
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.[provided by RefSeq, Jul 2010],
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using SP7 Monoclonal Antibody