


Anti-Sp7 / Osterix antibody ab22552

★★★★★ [24 Abreviews](#) [379 References](#) [画像数 5](#)

製品の概要

製品名	Anti-Sp7 / Osterix antibody
製品の詳細	Rabbit polyclonal to Sp7 / Osterix
由来種	Rabbit
アプリケーション	適用あり: IHC-P
種交差性	交差種: Mouse, Rat 交差が予測される動物種: Human 
免疫原	Synthetic peptide corresponding to Mouse Sp7/ Osterix aa 400 to the C-terminus (C terminal) conjugated to keyhole limpet haemocyanin. (Peptide available as ab24390)
ポジティブ・コントロール	IHC-P: E14 mouse embryo, mouse osteosarcoma, E14 rat embryo, rat femur sections and rat bone tibiae tissue sections.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
	Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

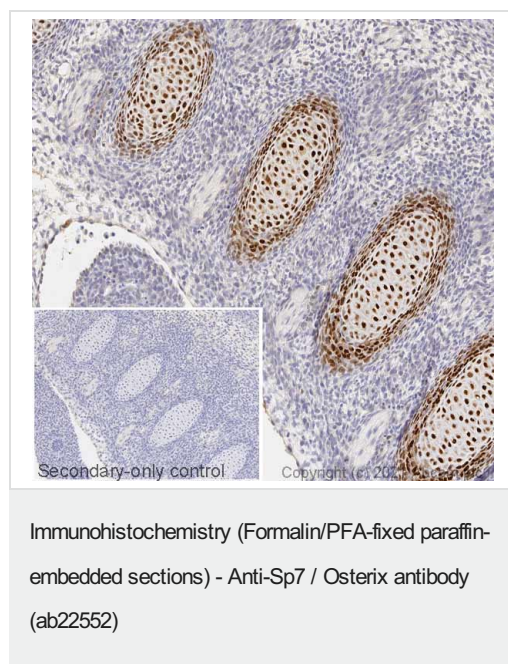
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab22552の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P	★★★★★ (11)	1/100 - 1/500. Antigen retrieval is not essential but may optimise staining.

ターゲット情報

機能	Transcriptional activator essential for osteoblast differentiation. Binds to SP1 and EKLF consensus sequences and to other G/C-rich sequences.
組織特異性	Restricted to bone-derived cell.
配列類似性	Belongs to the Sp1 C2H2-type zinc-finger protein family. Contains 3 C2H2-type zinc fingers.
細胞内局在	Nucleus.

画像



IHC image of SP7/Osterix staining in a section of formalin-fixed paraffin-embedded normal rat E15 embryo performed on a Leica BOND® system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20mins. The section was then incubated with ab22552 at 1µg/ml for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX. The inset secondary-only control image is taken from an identical assay without primary antibody.

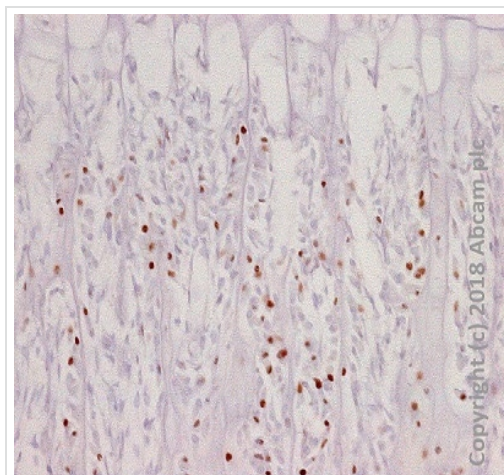
For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Sp7 / Osterix antibody (ab22552)

IHC image of SP7/Osterix staining in a section of formalin-fixed paraffin-embedded normal mouse E15 embryo performed on a Leica BOND® system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20mins. The section was then incubated with ab22552 at 1µg/ml for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX. The inset secondary-only control image is taken from an identical assay without primary antibody.

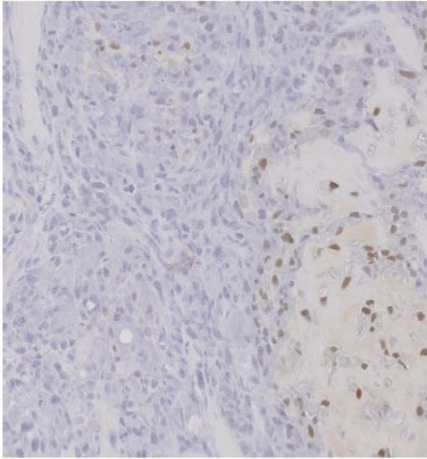
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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Sp7 / Osterix antibody (ab22552)

This image is courtesy of an anonymous collaborator

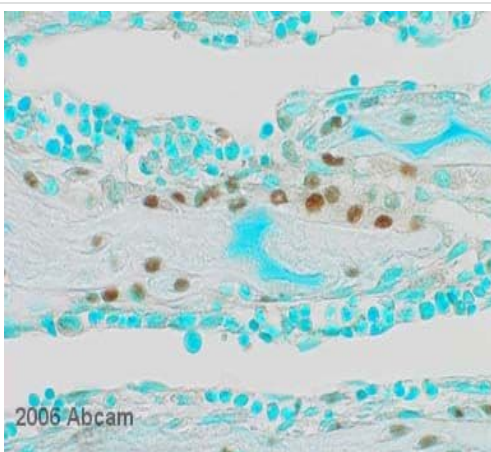
ab22552 staining Osterix in rat femur sections by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections). Tissue was perfusion fixed with 4% PFA in 0.1M phosphate buffer (pH 7.4) via the left ventricle and decalcified in 10% EDTA. Samples were incubated with primary antibody (1/2000) for 12 hours at 4°C. Histofine simple stain rat MAX PO was used as the secondary antibody.



Immunohistochemical analysis of paraffin embedded mouse osteosarcoma tissue labeling Sp7/Osterix with ab22552 at 1/1000 (overnight at 4°C). Fixed 48h in 4% formol. Decalcified in 4% EDTA and 0.2% PFA pH7.4 before inclusion in paraffin. Biotin conjugated secondary 1h RT. Amplification StreptABC, substrate DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Sp7 / Osterix antibody (ab22552)

This image is courtesy of Jérôme AMIAUD, Laboratoire de Physiopathologie de la Résorption Osseuse et Thérapie des Tumeurs Osseuses Primitives. We thank them for their important contribution to the validation of ab22552.



The image shows Osterix staining in rat bone tibiae using ab22552 at 1/100.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Sp7 / Osterix antibody (ab22552)

This image is courtesy of an anonymous Abreview

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