

Anti-Smad1 (phospho S187) antibody ab73211

★★★★★ [1 Abreviews](#) [11 References](#) [画像数 2](#)

製品の概要

製品名	Anti-Smad1 (phospho S187) antibody
製品の詳細	Rabbit polyclonal to Smad1 (phospho S187)
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Mouse, Human
免疫原	Synthetic peptide corresponding to Human Smad1 (phospho S187).

 [Run BLAST with](#)  [Run BLAST with](#) 

特記事項

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.

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

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS
	Without Mg ²⁺ and Ca ²⁺
精製度	Immunogen affinity purified
特記事項 (精製)	ab73211 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
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

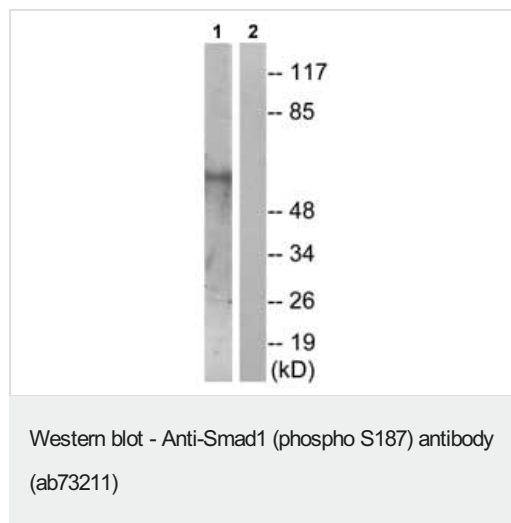
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab73211の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Detects a band of approximately 60 kDa (predicted molecular weight: 52 kDa).
IHC-P		Use at an assay dependent concentration.

ターゲット情報

機能	Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD1 is a receptor-regulated SMAD (R-SMAD). SMAD1/OAZ1/PSMB4 complex mediates the degradation of the CREBBP/EP300 repressor SNIP1.
組織特異性	Ubiquitous. Highest expression seen in the heart and skeletal muscle.
配列類似性	Belongs to the dwarfin/SMAD family. Contains 1 MH1 (MAD homology 1) domain. Contains 1 MH2 (MAD homology 2) domain.
翻訳後修飾	Phosphorylated on serine by BMP type 1 receptor kinase. Ubiquitin-mediated proteolysis by SMAD-specific E3 ubiquitin ligase SMURF1.
細胞内局在	Cytoplasm. Nucleus. Cytoplasmic in the absence of ligand. Migrates to the nucleus when complexed with SMAD4. Co-localizes with LEMD3 at the nucleus inner membrane.

画像



All lanes : Anti-Smad1 (phospho S187) antibody (ab73211) at 1/500 dilution

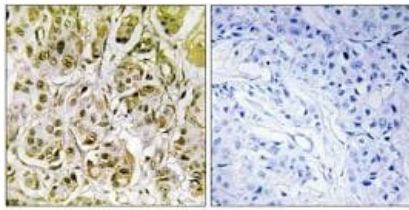
Lane 1 : Mouse muscle cell extract

Lane 2 : Mouse muscle cell extract with immunising phosphopeptide at 10 µg

Lysates/proteins at 30 µg per lane.

Predicted band size: 52 kDa

Observed band size: 60 kDa



P-peptide

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Smad1 (phospho S187) antibody (ab73211)

Immunohistochemical analysis of Smad1 in paraffin-embedded human breast carcinoma tissue using ab73211 at 1/50 dilution in the presence (right panel) or absence (left panel) of immunising phosphopeptide.

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