

### Anti-Smad1 (phospho S187) antibody ab73211

★★★★★ [1 Abreviews](#) [11 References](#) [2 图像](#)

#### 概述

产品名称	Anti-Smad1 (phospho S187)抗体
描述	兔多克隆抗体to Smad1 (phospho S187)
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide corresponding to Human Smad1 (phospho S187). <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
常规说明	<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&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS  Without Mg <sup>2+</sup> and Ca <sup>2+</sup>
纯度	Immunogen affinity purified
纯化说明	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.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab73211于以下的经测试应用

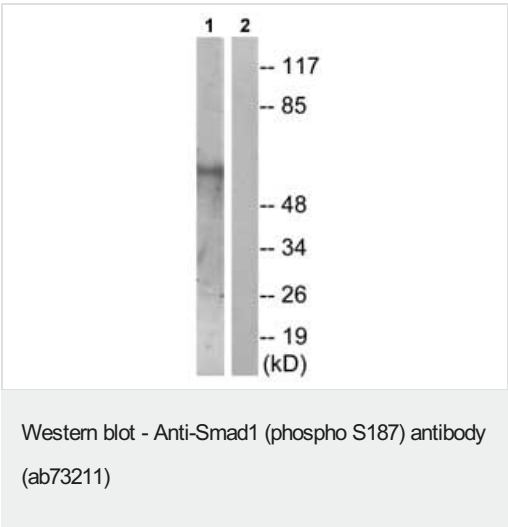
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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.

靶标

功能	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.
组织特异性	Ubiquitous. Highest expression seen in the heart and skeletal muscle.
序列相似性	Belongs to the dwarfin/SMAD family. Contains 1 MH1 (MAD homology 1) domain. Contains 1 MH2 (MAD homology 2) domain.
翻译后修饰	Phosphorylated on serine by BMP type 1 receptor kinase. Ubiquitin-mediated proteolysis by SMAD-specific E3 ubiquitin ligase SMURF1.
细胞定位	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.

图片



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

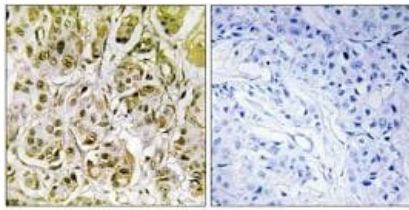
**Lane 1 :** Mouse muscle cell extract

**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.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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