

Anti-Smad1 antibody [913C1b] ab53745

★★★★★ [1 Abreviews](#) [3 References](#) [画像数 4](#)

製品の概要

製品名	Anti-Smad1 antibody [913C1b]
製品の詳細	Mouse monoclonal [913C1b] to Smad1
由来種	Mouse
アプリケーション	適用あり: WB, Flow Cyt
種交差性	交差種: Mouse, Rat, Human
免疫原	Recombinant fragment corresponding to Human Smad1.
ポジティブ・コントロール	WB: HEK293, F2408 and NIH3T3 whole cell lysates
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 (stable for up to 12 months). Store at -20°C or -80°C.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 1% BSA, 0.03% Potassium phosphate, 0.812% Sodium chloride, 0.1312% Sodium phosphate, 0.0225% Potassium chloride, 0.0204% Monobasic dihydrogen potassium phosphate, 0.1136% Dibasic monohydrogen sodium phosphate</p>
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	913C1b
アイソタイプ	IgG1

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ab53745の使用に適用されます

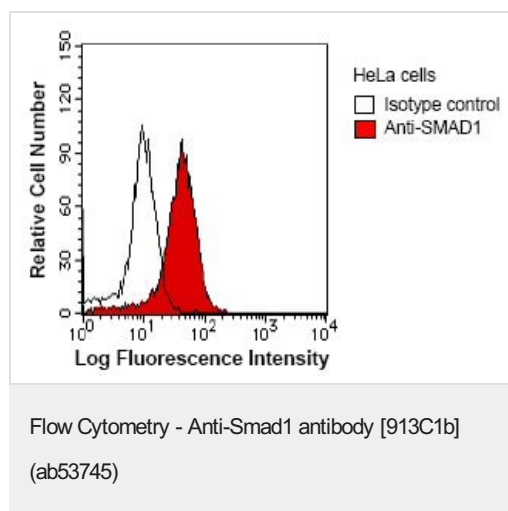
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/50. Detects a band of approximately 60 kDa (predicted molecular weight: 52 kDa).
Flow Cyt		Use at an assay dependent concentration. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

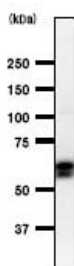
ターゲット情報

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



Using 0.5µg Anti-SMAD1 antibody (ab53745) and 0.25µg Goat anti-Mouse secondary.



Western blot - Anti-Smad1 antibody [913C1b]
(ab53745)

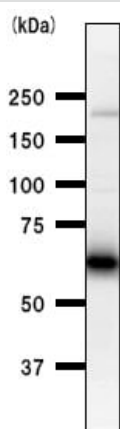
Anti-Smad1 antibody [913C1b] (ab53745) at 1/50 dilution +
HEK293 whole cell lysate at 25 µg

Secondary

Mouse IgG antibody at 1/2500 dilution

Predicted band size: 52 kDa

Observed band size: 60 kDa



Western blot - Anti-Smad1 antibody [913C1b]
(ab53745)

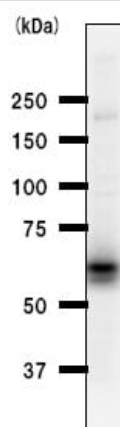
Anti-Smad1 antibody [913C1b] (ab53745) at 1/50 dilution + NIH3T3
whole cell lysate at 25 µg

Secondary

Mouse IgG at 1/2500 dilution

Predicted band size: 52 kDa

Observed band size: 62 kDa



Western blot - Anti-Smad1 antibody [913C1b]
(ab53745)

Anti-Smad1 antibody [913C1b] (ab53745) at 1/50 dilution + F2408
whole cell lysate at 25 µg

Secondary

Mouse IgG at 1/2500 dilution

Predicted band size: 52 kDa

Observed band size: 62 kDa

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