abcam

Product datasheet

Anti-Livin antibody [88C570] ab11983

画像数 2

製品の概要

製品名	Anti-Livin antibody [88C570]
製品の詳細	Mouse monoclonal [88C570] to Livin
由来種	Mouse
アプリケーション	**適用あり:** Flow Cyt, WB
種交差性	**交差種:** Human
免疫原	Recombinant fusion protein (Human Livin).
ポジティブ・コントロール	Cell extracts transfected with human Livin cDNA.
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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium azide Constituent: PBS
精製度	Immunogen affinity purified
ポリ/モノ	モノクローナル
クローン名	88C570
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ab11983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
Flow Cyt		Use 1µg for 10^6 cells. **ab170190** - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
WB		Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 31 kDa.

ターゲット情報

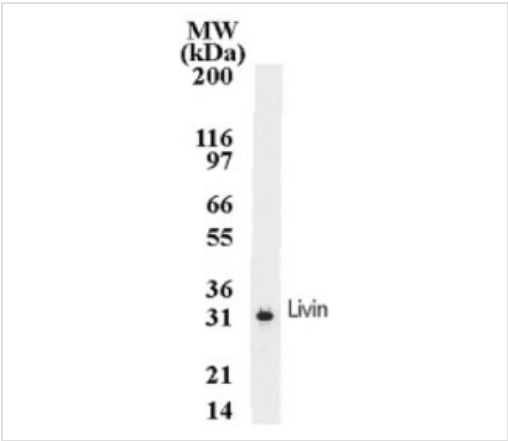
機能
Protects against apoptosis induced by TNF or by chemical agents such as adriamycin, etoposide or staurosporine. Suppression of apoptosis is mediated by activation of MAPK8/JNK1, and possibly also of MAPK9/JNK2. This activation depends on TAB1 and NR2C2/TAK1. In vitro, inhibits caspase-3 and proteolytic activation of pro-caspase-9. Isoform 1 blocks staurosporine-induced apoptosis. Isoform 2 blocks etoposide-induced apoptosis.

組織特異性
Isoform 1 and isoform 2 are expressed at very low levels or not detectable in most adult tissues. Detected in adult heart, placenta, lung, lymph node, spleen and ovary, and in several carcinoma cell lines. Isoform 2 is detected in fetal kidney, heart and spleen, and at lower levels in adult brain, skeletal muscle and peripheral blood leukocytes.

配列類似性
Belongs to the IAP family.
Contains 1 BIR repeat.
Contains 1 RING-type zinc finger.

細胞内局在
Nucleus. Cytoplasm. Nuclear, and in a filamentous pattern throughout the cytoplasm.

画像



Western blot - Anti-Livin antibody [88C570] (ab11983)

Livin detection by Western blot. The detection of Livin in cell extract transfected with human Livin cDNA. A protein of 31 kDa was detected by using anti-Livin at a 2 µg/ml dilution. Livin detection by Western blot. The detection of Livin in cell extract transfected with human Livin cDNA. A protein of 31 kDa was detected by using anti-Livin at a 2 µg/ml dilution.

Flow Cytometry - Anti-Livin antibody [88C570] (ab11983)

Overlay histogram showing HeLa cells stained with ab11983 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab11983, 1µg/1x10^6 cells) for 30 min at 22ºC. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) (**ab96879**) at 1/500 dilution for 30 min at 22ºC. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] (**ab91353**, 2µg/1x10^6 cells) used under the same conditions. Acquisition of >5,000 events was performed.

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

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