


## Product datasheet

### Anti-USF2 antibody ab60931

画像数 2

#### 製品の概要

製品名	Anti-USF2 antibody
製品の詳細	Mouse monoclonal to USF2
アプリケーション	適用あり: WB, ELISA, Flow Cyt
種交差性	交差種: Mouse, Rat, Human 交差が予測される動物種: Cow 
免疫原	Recombinant fragment with tag: MDMLDPGLDP AASATAAAAA SHDKGPEAEE GVELQEGGDG PGAEETAVA ITSVQQAAGF DHNIQYQFRT ETNGGQVYR VVQVTDGQLD GQGDTAGAVS , corresponding to amino acids 1-101 of Human USF2 <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>

#### ポジティブ・コントロール

ウェスタン・ブロット用ポジティブコントロール  
[Recombinant Human USF2 protein](#) >

Cell lysates (Hela, A431, Jurkat, MCF7, HepG2, RAW264.7, PC12, NIH 3T3 and IMR32).

#### 特記事項

Abcam is committed to meeting high standards of ethical manufacturing and as such, we will be discontinuing this product, which has been generated by the ascites method, within the next year. We are sorry for any inconvenience this may cause. If you would like help finding an alternative product, please do not hesitate to contact our scientific support team.

#### 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: None Constituents: PBS, pH 7.2
精製度	Protein A purified
ポリ/モノ	モノクローナル
アイソタイプ	IgG2a

#### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab60931** in the following tested applications.

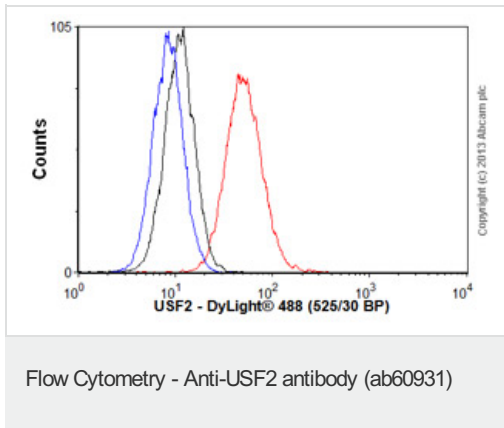
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Detects a band of approximately 45 kDa (predicted molecular weight: 37 kDa).
ELISA		Use at an assay dependent concentration.
Flow Cyt		Use 0.1µg for 10 <sup>6</sup> cells. <a href="#">ab170191</a> -Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

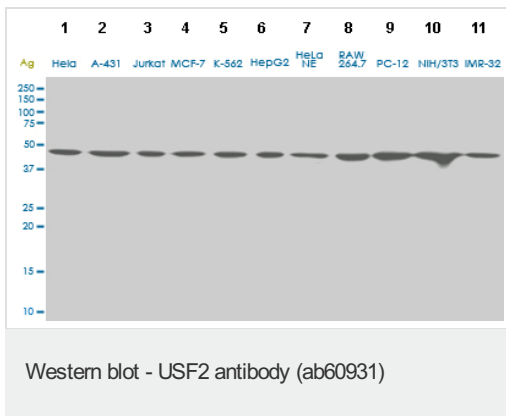
#### ターゲット情報

機能	Transcription factor that binds to a symmetrical DNA sequence (E-boxes) (5'-CACGTG-3') that is found in a variety of viral and cellular promoters.
組織特異性	Ubiquitous.
配列類似性	Contains 1 basic helix-loop-helix (bHLH) domain.
細胞内局在	Nucleus.

#### 画像



Overlay histogram showing HeLa cells stained with ab60931 (red line). The cells were fixed with 4% paraformaldehyde (10 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 (ab60931, 0.1µg/1x10<sup>6</sup> cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) (ab96879) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG2a [ICIGG2A] (ab91361, 1µg/1x10<sup>6</sup> cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter. This antibody gave a positive signal in HeLa cells fixed with 80% methanol (5 min)/permeabilized with 0.1% PBS-Tween for 20 min used under the same conditions.



**All lanes :** Anti-USF2 antibody (ab60931)

- Lane 1 :** HeLa cell lysate
- Lane 2 :** A431 cell lysate
- Lane 3 :** Jurkat cell lysate
- Lane 4 :** MCF7 cell lysate
- Lane 5 :** K562 cell lysate
- Lane 6 :** HepG2 cell lysate
- Lane 7 :** HeLa nuclear extract
- Lane 8 :** RAW264.7 cell lysate
- Lane 9 :** PC12 cell lysate
- Lane 10 :** NIH 3T3 cell lysate
- Lane 11 :** IMR32 cell lysate

Lysates/proteins at 50 µg per lane.

**Secondary**

Goat Anti-Mouse IgG (H&L)-HRP at 1/2500 dilution

**Predicted band size :** 37 kDa

**Observed band size :** 45 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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