

Anti-ILF1 antibody ab5298

7 References **画像数 5**

製品の概要

製品名	Anti-ILF1 antibody
製品の詳細	Goat polyclonal to ILF1
由来種	Goat
アプリケーション	適用あり: Flow Cyt (Intra), ICC/IF, WB
種交差性	交差種: Human
免疫原	Synthetic peptide: TPPAAVREKGVQN, corresponding to C terminal amino acids 648-660 of Human ILF1. Run BLAST with Expasy Run BLAST with NCBI
ポジティブ・コントロール	Flow Cyt (Intra): HeLa cells.
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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris buffered saline, 0.5% BSA
精製度	Immunogen affinity purified
特記事項 (精製)	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
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

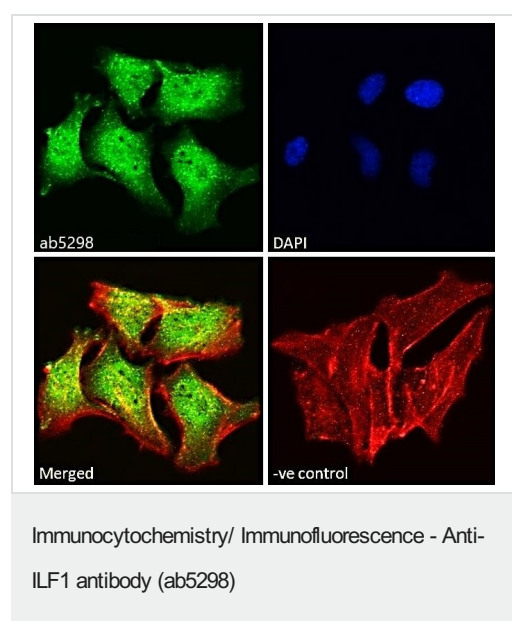
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab5298の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		Use a concentration of 10 µg/ml.
ICC/IF		Use a concentration of 10 µg/ml.
WB		Use a concentration of 0.01 - 0.03 µg/ml. Detects a band of approximately 75-80 kDa (predicted molecular weight: 73 kDa). A 1 hour primary incubation is recommended for this product.

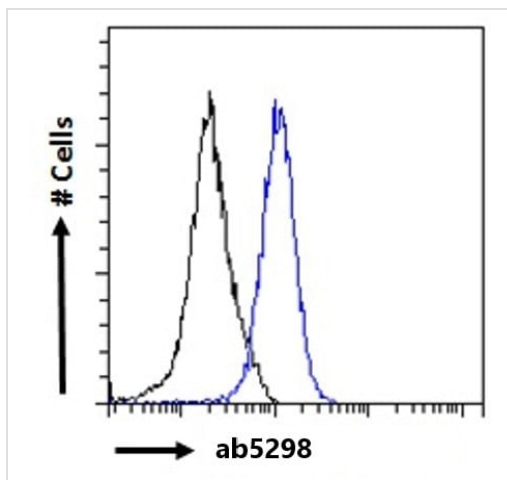
ターゲット情報

機能	Recognizes the core sequence 5'-TAAACA-3'. Binds to NFAT-like motifs (purine-rich) in the IL2 promoter. Also binds to HIV-1 long terminal repeat. May be involved in both positive and negative regulation of important viral and cellular promoter elements.
組織特異性	Expressed in both lymphoid and non-lymphoid cells.
配列類似性	Contains 1 FHA domain. Contains 1 fork-head DNA-binding domain.
ドメイン	The C-terminal part of the DNA-binding domain may contribute to DNA recognition specificity.
翻訳後修飾	Phosphorylated upon DNA damage, probably by ATM or ATR.
細胞内局在	Nucleus.

画像

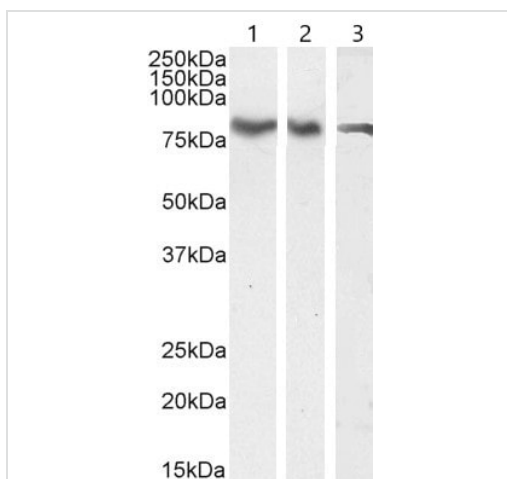


Immunofluorescent analysis of paraformaldehyde fixed HeLa cells, labeling ILF-1 with ab5298. Cells permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing nuclear and cytoplasmic/vesicle staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL).



Flow Cytometry (Intracellular) - Anti-ILF1 antibody (ab5298)

Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line) labeling ILF1 with ab5298. Cells permeabilized with 0.5% Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Western blot - Anti-ILF1 antibody (ab5298)

All lanes : Anti-ILF1 antibody (ab5298) at 0.03 µg/ml

Lane 1 : HEK-293 (human epithelial cell line from embryonic kidney) nuclear cell lysate

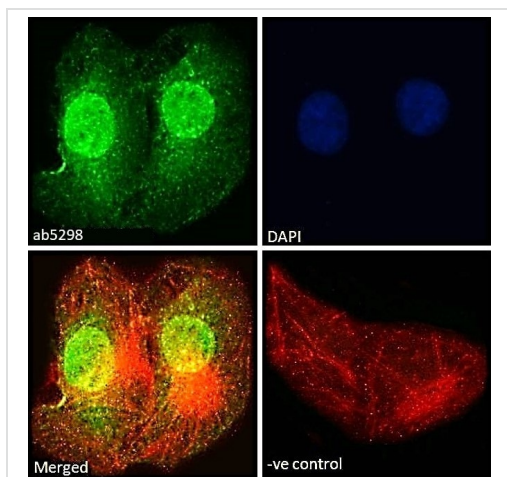
Lane 2 : HeLa (human epithelial cell line from cervix adenocarcinoma) nuclear cell lysate

Lane 3 : Jurkat (human T cell leukemia cell line from peripheral blood) nuclear cell lysate

Lysates/proteins at 35 µg per lane.

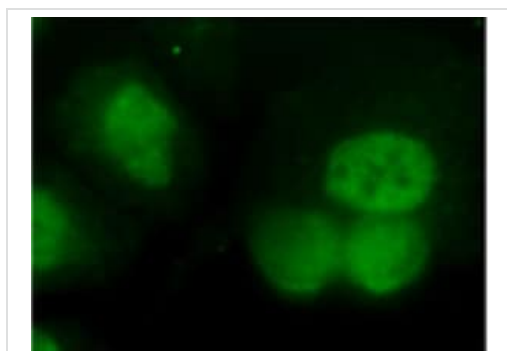
Predicted band size: 73 kDa

Observed band size: 80 kDa



Immunocytochemistry/ Immunofluorescence - Anti-ILF1 antibody (ab5298)

Immunofluorescent analysis of paraformaldehyde fixed U2OS cells, labeling ILF-1 with ab5298. Cells permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing nuclear and cytoplasmic/vesicle staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL).



Immunocytochemistry/ Immunofluorescence - Anti-ILF1 antibody (ab5298)

Image from Marais A et al., J Biol Chem. 2010 Nov 12;285(46):35728-39. Epub 2010 Sep 1. Fig 2.; doi: 10.1074/jbc.M110.154005; November 12, 2010, The Journal of Biological Chemistry, 285, 35728-35739.

Immunofluorescence analysis of U2OS cells, staining ILF1 with ab5298. Cells were fixed with 4% paraformaldehyde and incubated with primary antibody at 1/100 dilution. A FITC-conjugated rabbit anti-goat IgG was used as the secondary antibody.

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