

Anti-ILF3 antibody [EPR3626] ab92355

重组 RabMAb

★★★★☆ **1 Abreviews** **17 References** **7 图像**

概述

产品名称	Anti-ILF3抗体[EPR3626]
描述	兔单克隆抗体[EPR3626] to ILF3
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, Flow Cyt (Intra), ICC/IF
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide within Human ILF3. The exact sequence is proprietary.
阳性对照	Raji, HeLa and K562 cell lysates. Human kidney tissue.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR3626
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab92355于以下的经测试应用

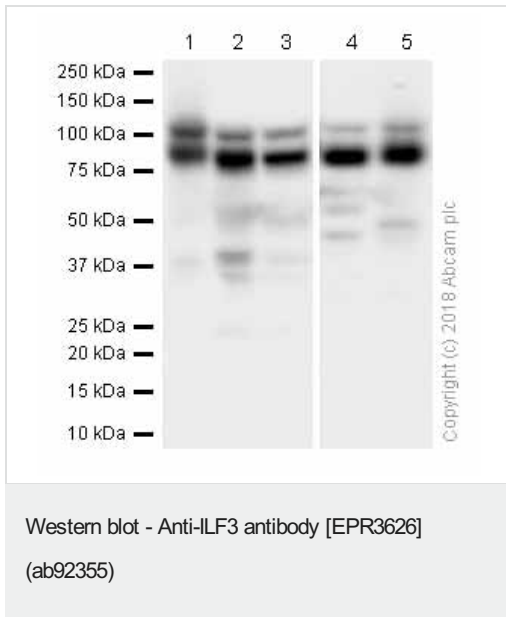
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (1)	1/10000 - 1/100000. Predicted molecular weight: 95 kDa.
IHC-P		1/10000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. See IHC antigen retrieval protocols . For unpurified use at 1/100 - 1/250. The use of an HRP/AP polymerized antibody is recommended as these have been shown to provide enhanced staining.
Flow Cyt (Intra)		1/50 - 1/60. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
ICC/IF		1/250 - 1/500.

靶标

功能	May facilitate double-stranded RNA-regulated gene expression at the level of post-transcription. Can act as a translation inhibitory protein which binds to coding sequences of acid beta-glucosidase (GCase) and other mRNAs and functions at the initiation phase of GCase mRNA translation, probably by inhibiting its binding to polysomes. Can regulate protein arginine N-methyltransferase 1 activity. May regulate transcription of the IL2 gene during T-cell activation. Can promote the formation of stable DNA-dependent protein kinase holoenzyme complexes on DNA.
组织特异性	Ubiquitous.
序列相似性	Contains 2 DRBM (double-stranded RNA-binding) domains. Contains 1 DZF domain.
翻译后修饰	Phosphorylated by RNA-dependent protein kinase (EIF2AK2). Methylated by protein arginine N-methyltransferase 1. Arg-609 is dimethylated, probably to asymmetric dimethylarginine.
细胞定位	Nucleus > nucleolus. Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

图片



All lanes : Anti-ILF3 antibody [EPR3626] (ab92355) at 1/100000 dilution

Lane 1 : Raji (Human Burkitt's lymphoma B lymphocyte) whole cell lysates

Lane 2 : SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysates

Lane 3 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 4 : Neuro-2a (Mouse neuroblastoma neuroblast) whole cell lysates

Lane 5 : C6 (Rat glial tumor glial cell) whole cell lysates

Lysates/proteins at 20 µg per lane.

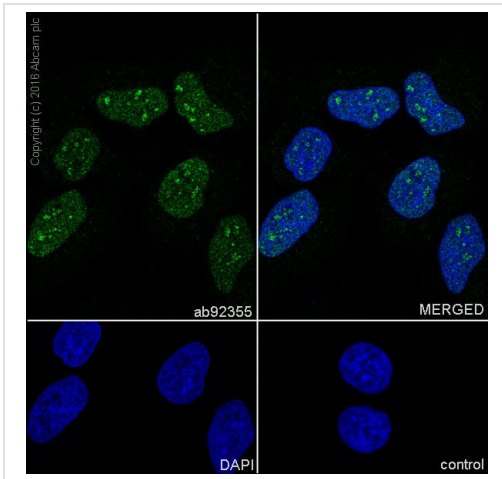
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 95 kDa

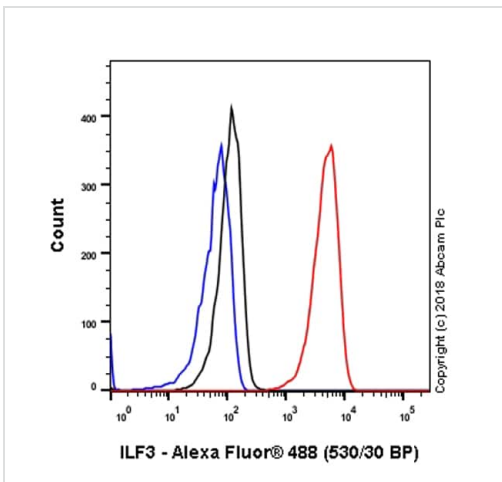
Blocking and diluting buffer: 5% NFDL/TBST.

The two bands are reported by PMID: 22842455 and 27872311.



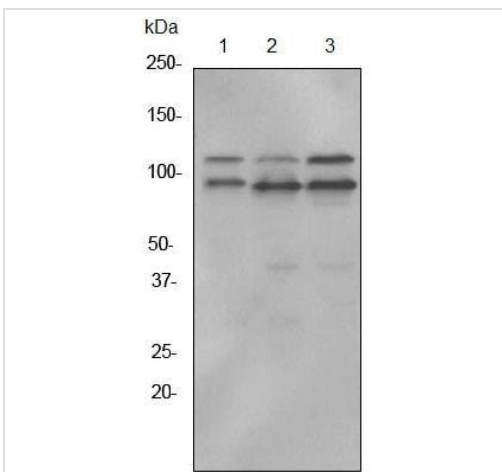
Immunocytochemistry/ Immunofluorescence - Anti-ILF3 antibody [EPR3626] (ab92355)

Immunofluorescence staining of HeLa cells with purified ab92355 at a working dilution of 1/500, counter-stained with DAPI. The secondary antibody was an Alexa Fluor® 488 conjugated goat anti-rabbit (**ab150077**), used at a dilution of 1/1000. The cells were fixed in 4% PFA and permeabilized using 0.1% Triton X 100. The negative control is shown in bottom right hand panel - for the negative control, PBS was used instead of the primary antibody.



Flow Cytometry (Intracellular) - Anti-ILF3 antibody [EPR3626] (ab92355)

Intracellular Flow Cytometry analysis of HeLa (Human cervix adenocarcinoma epithelial cell) cells labeling ILF3 with purified ab92355 at 1/60 dilution (10µg/ml) (red). Cells were fixed with 4% Paraformaldehyde. A Goat anti rabbit IgG (Alexa Fluor® 488) secondary antibody was used at 1/2000 dilution. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).



Western blot - Anti-ILF3 antibody [EPR3626] (ab92355)

All lanes : Anti-ILF3 antibody [EPR3626] (ab92355) at 1/100000 dilution (unpurified)

Lane 1 : Raji cell lysate

Lane 2 : HeLa cell lysate

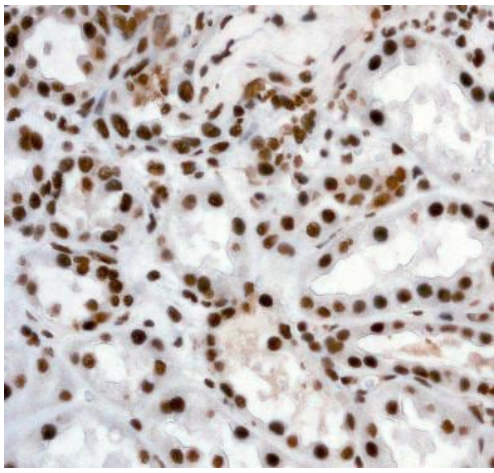
Lane 3 : K562 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit antibody at 1/2000 dilution

Predicted band size: 95 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ILF3 antibody [EPR3626] (ab92355)


ab92355 (unpurified) at 1/100 dilution staining ILF3 in paraffin-embedded Human kidney tissue, by immunohistochemistry.


Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.


Flow Cytometry (Intracellular) - Anti-ILF3 antibody [EPR3626] (ab92355)


Overlay histogram showing HeLa cells stained with unpurified ab92355 (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 (ab92355, 1/100 dilution) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-rabbit IgG (H+L) ([ab96899](#)) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was rabbit IgG (monoclonal) (1µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed.

Why choose a recombinant antibody?

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Research with confidence
Consistent and reproducible results
- 

Long-term and scalable supply
Recombinant technology
- 

Success from the first experiment
Confirmed specificity
- 

Ethical standards compliant
Animal-free production

Anti-ILF3 antibody [EPR3626] (ab92355)

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