abcam

Product datasheet

Anti-eEF1A1/EF-Tu+eEF1A1 + eEF1AL3 antibody [EPR9471] ab157455

重组 RabMAb

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概述

产品名称	Anti-eEF1A1/EF-Tu+eEF1A1 + eEF1AL3抗体[EPR9471]
描述	兔单克隆抗体[EPR9471] to eEF1A1/EF-Tu+eEF1A1 + eEF1AL3
宿主	Rabbit
特异性	The immunogen used for this product shares 6 continuous identical amino acids with eEF1A2. Cross-reactivity with this protein has not been confirmed experimentally.
经测试应用	**适用于:** WB, IHC-P, ICC/IF, IP, Flow Cyt (Intra)
种属反应性	**与反应:** Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HeLa, MCF7, 293T and Neuro-2a cell lysates. GST tagged Recombinant Human EEF1A1 and EEF1AL3 protein
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

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. Stable for 12 months at -20°C.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
纯度	Protein A purified
克隆	单克隆

克隆编号	EPR9471
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab157455于以下的经测试应用**

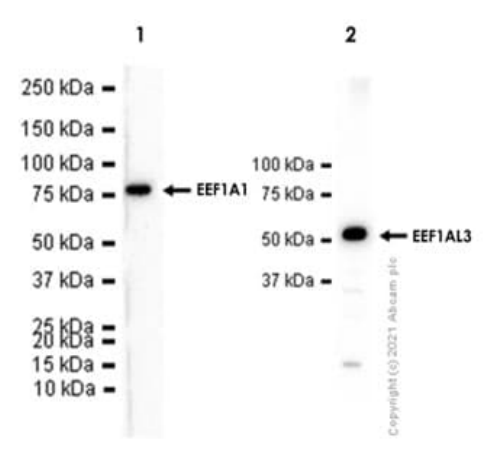
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★☆ (1)	1/40000. Predicted molecular weight: 50 kDa. **For unpurified use at 1/1000 - 1/10000.**
IHC-P		1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
ICC/IF		1/100.
IP		1/10 - 1/100.
Flow Cyt (Intra)		Use at an assay dependent concentration.

靶标

细胞定位 eEF1A1/EF-Tu: Cytoplasm.

图片



Western blot - Anti-eEF1A1/EF-Tu+eEF1A1 + eEF1AL3 antibody [EPR9471] (ab157455)

All lanes : Anti-eEF1A1/EF-Tu+eEF1A1 + eEF1AL3 antibody [EPR9471] (ab157455) at 1/1000 dilution

Lane 1 : GST tagged Recombinant Human EEF1A1 protein (Full length, 76 KDa)
Lane 2 : His tagged Recombinant Human EEF1AL3 protein (Full length, 52 KDa)

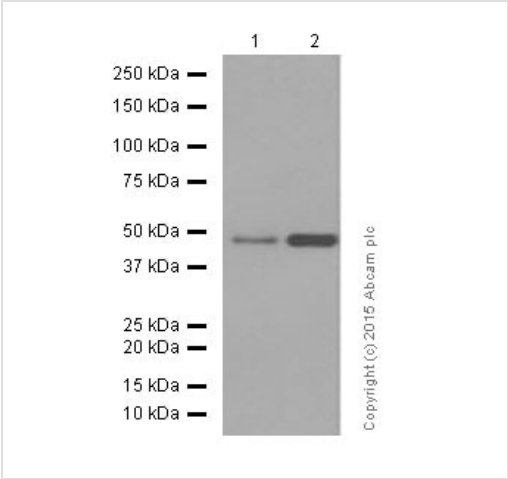
Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 50 kDa

Exposure time:

Lane 1: 180 seconds

Lane 2: 5 seconds



Western blot - Anti-eEF1A1/EF-Tu+eEF1A1 + eEF1AL3 antibody [EPR9471] (ab157455)

All lanes : Anti-eEF1A1/EF-Tu+eEF1A1 + eEF1AL3 antibody [EPR9471] (ab157455) at 1/40000 dilution (purified)

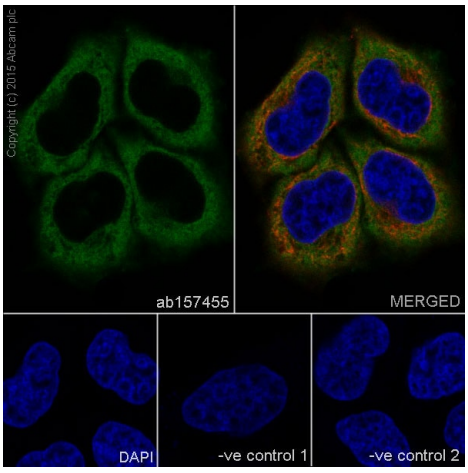
Lane 1 : Rat kidney lysate
Lane 2 : Rat spleen lysate

Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/10000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 50 kDa

Blocking buffer and concentration: 5% NFDM/TBST.
Diluting buffer and concentration: 5% NFDM /TBST.

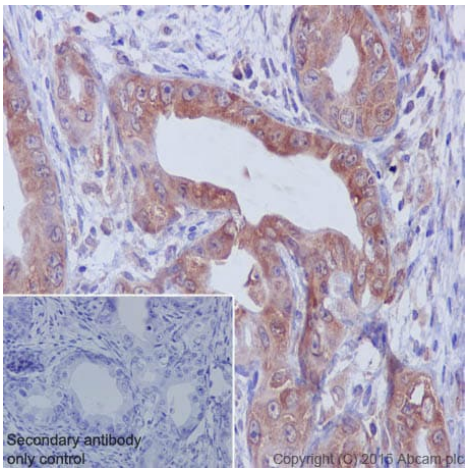


Immunocytochemistry/ Immunofluorescence - Anti-eEF1A1/EF-Tu+eEF1A1 + eEF1AL3 antibody [EPR9471] (ab157455)

Immunocytochemistry/Immunofluorescence analysis of HeLa (human cervix adenocarcinoma) cells labelling eEF1A1/EF-Tu with purified ab157455 at 1/100. Cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100. **ab150077**, an Alexa Fluor® 488-conjugated goat anti-rabbit IgG (1/500) was used as the secondary antibody. DAPI (blue) was used as the nuclear counterstain. **ab7291**, a mouse anti-tubulin (1/1000) and **ab150120**, an Alexa Fluor® 594-conjugated goat anti-mouse IgG (1/1000) were also used.

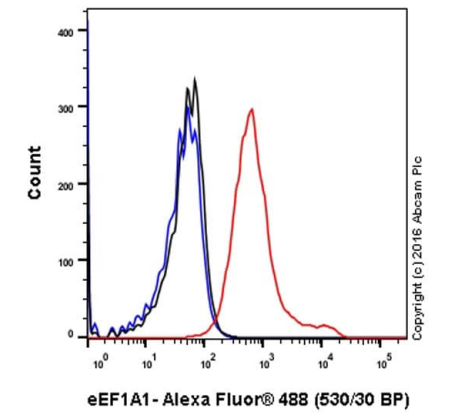
Control 1: primary antibody (1/100) and secondary antibody, **ab150120**, an Alexa Fluor® 594-conjugated goat anti-mouse IgG (1/500).

Control 2: **ab7291** (1/1000) and secondary antibody, **ab150077**, an Alexa Fluor® 488-conjugated goat anti-rabbit IgG (1/500).



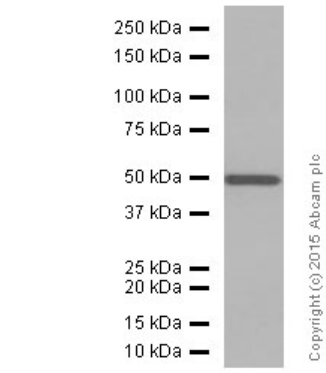
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-eEF1A1/EF-Tu+eEF1A1 + eEF1AL3 antibody [EPR9471] (ab157455)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human cervix carcinoma tissue labelling eEF1A1/EF-Tu with purified ab157455 at 1/100. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. **ab97051**, a goat anti-rabbit IgG H&L (HRP) was used as the secondary antibody (1/500). Negative control using PBS instead of primary antibody. Counterstained with hematoxylin.



Flow Cytometry (Intracellular) - Anti-eEF1A1/EF-Tu+eEF1A1 + eEF1AL3 antibody [EPR9471] (ab157455)

Intracellular Flow Cytometry analysis of HeLa (human cervix adenocarcinoma) cells labeling eEF1A1/EF-Tu with purified ab157455 at 1/50 dilution (10ug/ml) (red). Cells were fixed with 4% paraformaldehyde and permeabilised with 90% methanol. A Goat anti rabbit IgG (Alexa Fluor® 488) (1/2000 dilution) was used as the secondary antibody. Rabbit monoclonal IgG (Black) was used as the isotype control, cells without incubation with primary antibody and secondary antibody (Blue) was used as the unlabeled control.



Western blot - Anti-eEF1A1/EF-Tu+eEF1A1 + eEF1AL3 antibody [EPR9471] (ab157455)

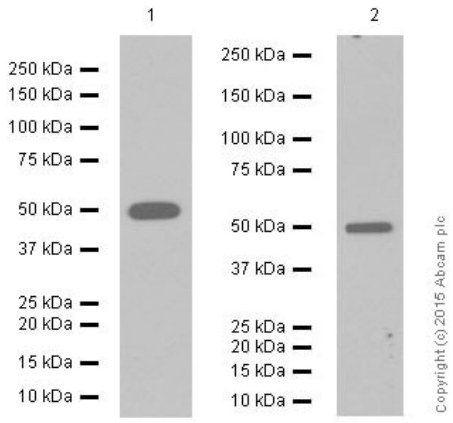
Anti-eEF1A1/EF-Tu+eEF1A1 + eEF1AL3 antibody [EPR9471] (ab157455) at 1/40000 dilution (purified) + Mouse kidney lysate at 20 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/10000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 50 kDa

Blocking buffer and concentration: 5% NFDM/TBST.
Diluting buffer and concentration: 5% NFDM/TBST.



Western blot - Anti-eEF1A1/EF-Tu+eEF1A1 + eEF1AL3 antibody [EPR9471] (ab157455)

All lanes : Anti-eEF1A1/EF-Tu+eEF1A1 + eEF1AL3 antibody [EPR9471] (ab157455) at 1/50000 dilution (purified)

Lane 1 : MCF-7 cell lysate
Lane 2 : HeLa cell lysate

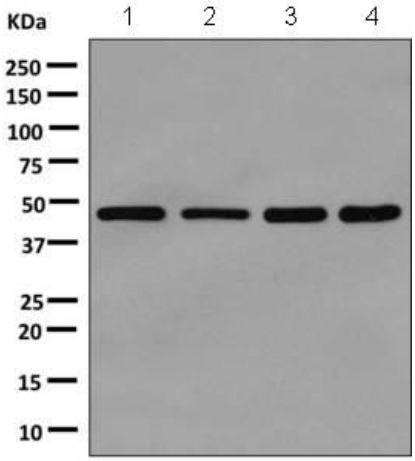
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 20 µg (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 50 kDa

Blocking buffer and concentration: 5% NFDM/TBST.
Diluting buffer and concentration: 5% NFDM /TBST.



Western blot - Anti-eEF1A1/EF-Tu+eEF1A1 + eEF1AL3 antibody [EPR9471] (ab157455)

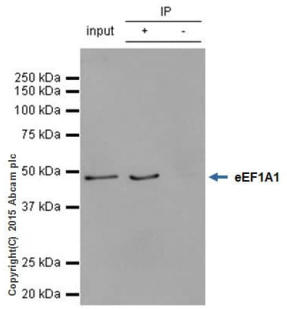
All lanes : Anti-eEF1A1/EF-Tu+eEF1A1 + eEF1AL3 antibody [EPR9471] (ab157455) at 1/1000 dilution (unpurified)

Lane 1 : HeLa cell lysate
Lane 2 : MCF7 cell lysate
Lane 3 : 293T cell lysate
Lane 4 : Neuro-2a cell lysate

Lysates/proteins at 10 µg per lane.

Secondary
All lanes : Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 50 kDa

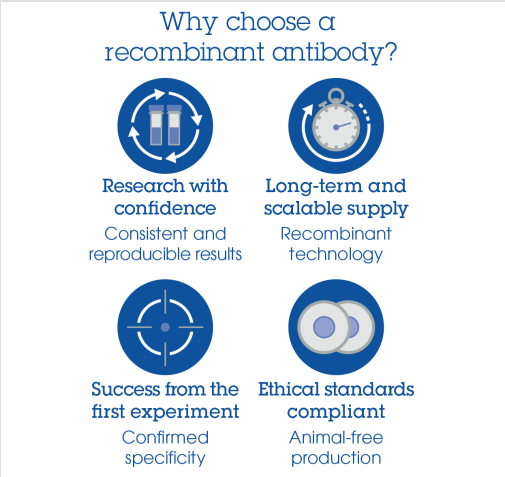


Immunoprecipitation - Anti-eEF1A1/EF-Tu+eEF1A1 + eEF1AL3 antibody [EPR9471] (ab157455)

ab157455 (purified) at 1/30 immunoprecipitating eEF1A1/EF-Tu in HeLa whole cell lysate. 10 ug of cell lysate was present in the input. For western blotting, a HRP-conjugated Veriblot for IP Detection Reagent (**ab131366**) (1/1,500) was used for detection. A rabbit monoclonal IgG (**ab172730**) was used intead of **ab128913** as a negative control (Lane 3).

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM/TBST.



Anti-eEF1A1/EF-Tu+eEF1A1 + eEF1AL3 antibody [EPR9471] (ab157455)

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