

Anti-RENT1/hUPF1 antibody [EPR4681] ab109363

重组 RabMAb

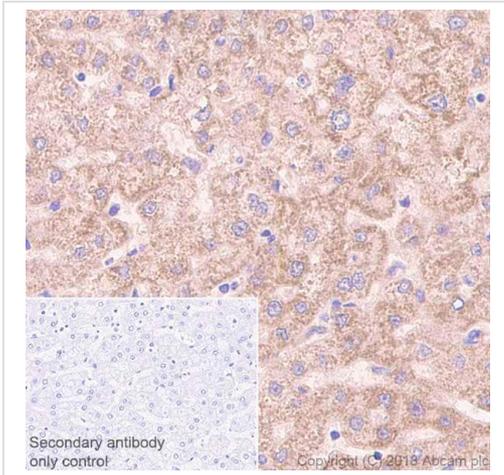
★★★★★ **2 Abreviews** **24 References** **12 图像**

概述

产品名称	Anti-RENT1/hUPF1抗体[EPR4681]
描述	兔单克隆抗体[EPR4681] to RENT1/hUPF1
宿主	Rabbit
特异性	The mouse recommendation is based on the WB results. We do not guarantee IHC-P for mouse.
经测试应用	适用于: Flow Cyt (Intra), WB, IP, IHC-P, ICC/IF
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HuT-78, NIH/3T3, Raji, SH-SY5Y and HeLa cell lysates
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> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

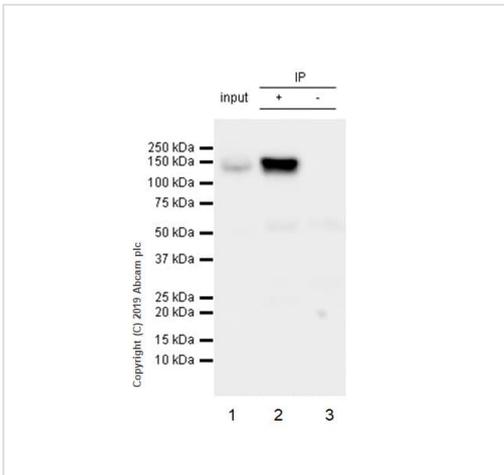
性能

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. Stable for 12 months at -20°C.
存储溶液	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol, 0.05% BSA</p>
纯度	Protein A purified
克隆	单克隆



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RENT1/hUPF1 antibody [EPR4681] (ab109363)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human liver tissue sections labeling RENT1/hUPF1 with Purified ab109363 at 1:100 dilution (5.14 µg/ml). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Immunoprecipitation - Anti-RENT1/hUPF1 antibody [EPR4681] (ab109363)

ab109363 (purified) at 1:30 dilution (2µg) immunoprecipitating RENT1/hUPF1 in Raji whole cell lysate.

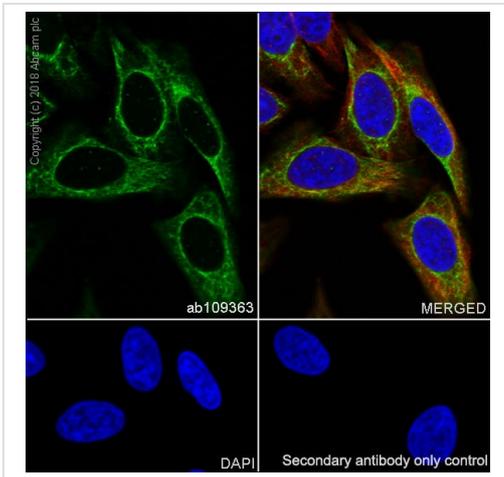
Lane 1 (input): Raji (Human Burkitt's lymphoma B lymphocyte) whole cell lysate 10µg

Lane 2 (+): ab109363 & Raji whole cell lysate

Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of ab109363 in Raji whole cell lysate

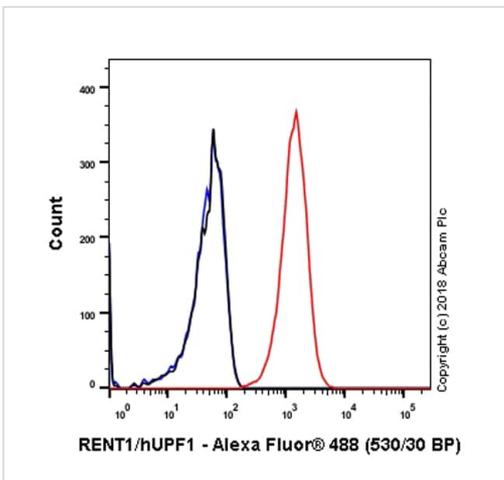
For western blotting, VeriBlot for IP Detection Reagent (HRP) (**ab131366**) was used for detection at 1:1000 dilution.

Blocking and diluting buffer: 5% NFDm/TBST.



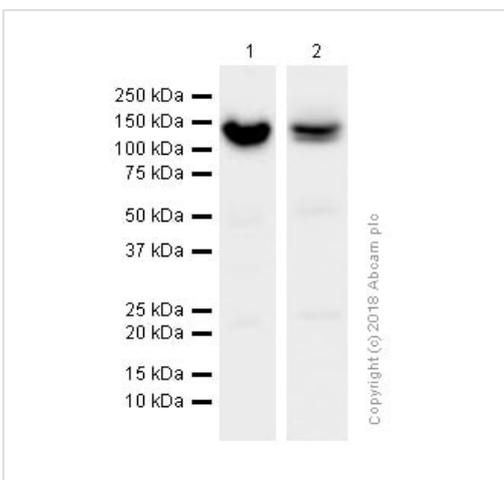
Immunocytochemistry/ Immunofluorescence - Anti-RENT1/hUPF1 antibody [EPR4681] (ab109363)

Immunocytochemistry/ Immunofluorescence analysis of HeLa (Human cervix adenocarcinoma epithelial cell) cells labeling RENT1/hUPF1 with Purified ab109363 at 1:100 dilution (5.1 µg/ml). Cells were fixed in 100% Methanol and permeabilized with None. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1:200 (2.5 µg/ml). Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) was used as the secondary antibody at 1:1000 (2 µg/ml) dilution. DAPI nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Flow Cytometry (Intracellular) - Anti-RENT1/hUPF1 antibody [EPR4681] (ab109363)

Intracellular Flow Cytometry analysis of HeLa (Human cervix adenocarcinoma epithelial cell) cells labeling RENT1/hUPF1 with Purified ab109363 at 1/50 dilution (10µg/ml) (red). Cells were fixed with 4% Paraformaldehyde. A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).



Western blot - Anti-RENT1/hUPF1 antibody [EPR4681] (ab109363)

All lanes : Anti-RENT1/hUPF1 antibody [EPR4681] (ab109363) at 1/10000 dilution (Purified)

Lane 1 : HuT-78 (Human Sezary syndrome cutaneous T lymphocyte) whole cell lysates

Lane 2 : NIH/3T3 (Mouse embryonic fibroblast) whole cell lysates

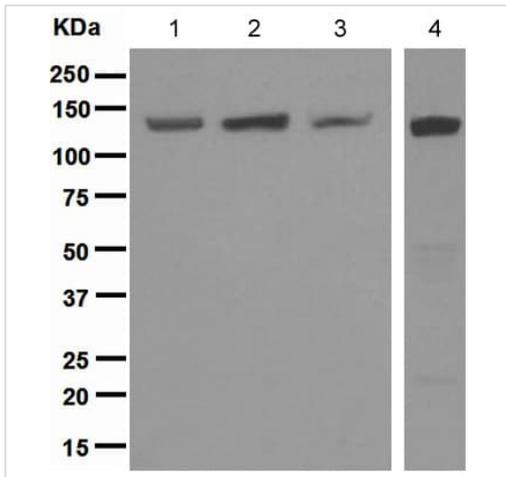
Lysates/proteins at 20 µg per lane.

Secondary

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

Predicted band size: 124 kDa

Observed band size: 130 kDa



Western blot - Anti-RENT1/hUPF1 antibody [EPR4681] (ab109363)

All lanes : Anti-RENT1/hUPF1 antibody [EPR4681] (ab109363) at 1/10000 dilution

Lane 1 : HuT-78 cell lysate

Lane 2 : Raji cell lysate

Lane 3 : SH-SY5Y cell lysate

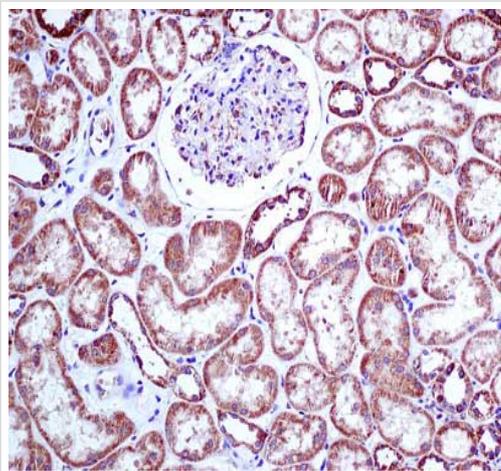
Lane 4 : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

Performed under reducing conditions.

Predicted band size: 124 kDa

This image was generated using the unpurified version of the product.

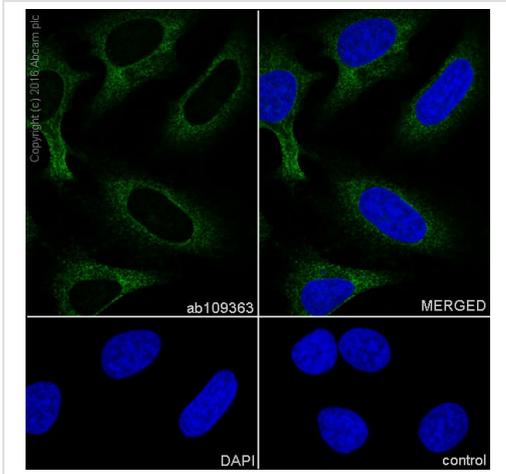


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RENT1/hUPF1 antibody [EPR4681] (ab109363)

ab109363, at 1/100, staining RENT1/hUPF1 in Human kidney tissue by immunohistochemistry.

This image was generated using the unpurified version of the product.

Heat mediated antigen retrieval was performed with citrate buffer pH 6 before commencing with IHC staining protocol.

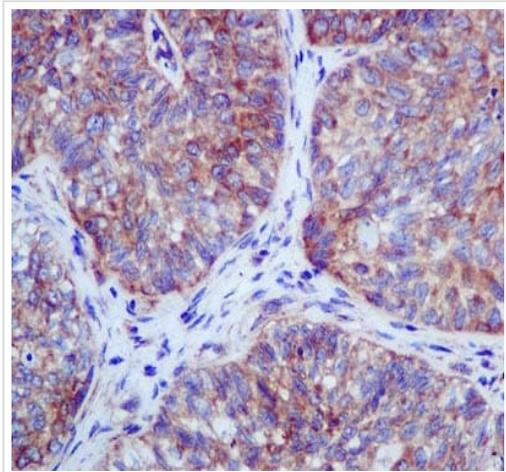


Immunocytochemistry/ Immunofluorescence - Anti-RENT1/hUPF1 antibody [EPR4681] (ab109363)

Immunocytochemistry/Immunofluorescence analysis of HeLa (human cervix adenocarcinoma) cells labelling RENT1/hUPF1 with purified ab109363 at 1/500. Cells were fixed with 100% methanol. **ab150077**, Alexa Fluor® 488-conjugated goat anti-rabbit IgG (1/1000) was used as the secondary antibody. Nuclei were counterstained with DAPI (blue).

Secondary Only Control: PBS was used instead of the primary antibody as the negative control

This image was generated using the unpurified version of the product.

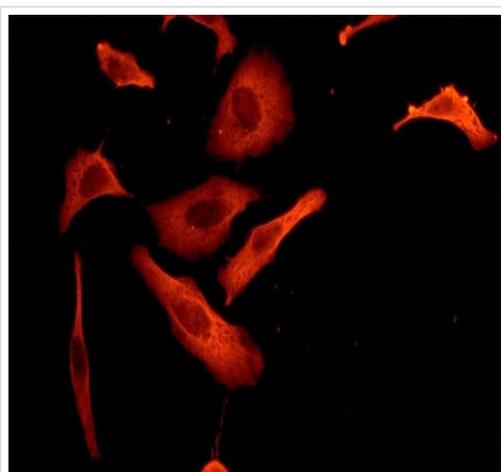


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RENT1/hUPF1 antibody [EPR4681] (ab109363)

ab109363, at 1/100, staining RENT1/hUPF1 in Human transitional cell carcinoma tissue by immunohistochemistry.

This image was generated using the unpurified version of the product.

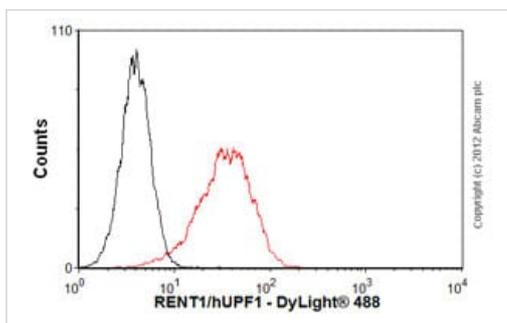
Heat mediated antigen retrieval was performed with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-RENT1/hUPF1 antibody [EPR4681] (ab109363)

ab109363, at 1/100, staining RENT1/hUPF1 in HeLa cells by immunofluorescence.

This image was generated using the unpurified version of the product.



Flow Cytometry (Intracellular) - Anti-RENT1/hUPF1 antibody [EPR4681] (ab109363)

Overlay histogram showing HeLa cells stained with ab109363 (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 (ab109363, 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. 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.

This image was generated using the unpurified version of the product.

Why choose a recombinant antibody?



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-RENT1/hUPF1 antibody [EPR4681] (ab109363)

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