

Anti-IRS1+IRS2 antibody [EP263Y] ab40777

重组 RabMAb

20 References **9 图像**

概述

产品名称	Anti-IRS1+IRS2抗体[EP263Y]
描述	兔单克隆抗体[EP263Y] to IRS1 + IRS2
宿主	Rabbit
特异性	The immunogen used for this product shares 78% homology with IRS2. Cross-reactivity with this protein has not been confirmed experimentally.
经测试应用	适用于: Flow Cyt (Intra), WB, ICC/IF, IHC-P 不适用于: IP
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human IRS1 (C terminal). The exact sequence is proprietary.
阳性对照	WB: HeLa and HEK293 cell lysates, HEK-293T transfected with a human IRS1 expression vector containing a Myc/DDK tag whole cell lysate, HEK-293T transfected with a human IRS2 expression vector containing a Myc/DDK tag whole cell lysate. IHC-P: Human breast carcinoma and cervical carcinoma tissues. ICC/IF: MCF-7 cells.
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>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these 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. Avoid freeze / thaw cycle.
存储溶液	pH: 7.20

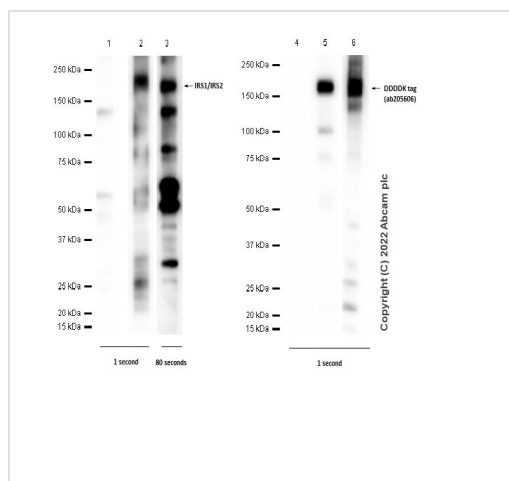
纯度	Protein A purified
克隆	单克隆
克隆编号	EP263Y
同种型	IgG

The Abpromise guarantee **Abpromise™承诺保证使用ab40777于以下的经测试应用**

应用	Ab评论	说明
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		1/1000 - 1/10000. Detects a band of approximately 170 kDa (predicted molecular weight: 130 kDa).
ICC/IF		1/250 - 1/500.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. See <u>IHC antigen retrieval protocols</u> .

靶标

图片



Western blot - Anti-IRS1+IRS2 antibody [EP263Y] (ab40777)

Lanes 1-3 : Anti-IRS1+IRS2 antibody [EP263Y] (ab40777) at 1/1000 dilution

Lanes 4-6 : Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody [EPR20018-251] ([ab205606](#)) at 1/1000 dilution

Lanes 1 & 4 : HEK-293T transfected with an empty vector whole cell lysate

Lanes 2 & 5 : HEK-293T transfected with a human IRS1 expression vector containing a Myc/DDK tag whole cell lysate

Lanes 3 & 6 : HEK-293T transfected with a human IRS2 expression vector containing a Myc/DDK tag whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

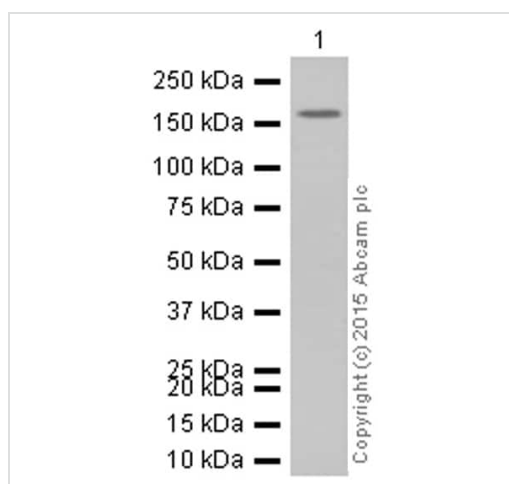
All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 130 kDa

Observed band size: 170 kDa

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

Exposure time: Lane 1, 2, 4, 5 , 6: 1 second. Lane 3: 80 seconds.



Western blot - Anti-IRS1 antibody [EP263Y] (ab40777)

Anti-IRS1+IRS2 antibody [EP263Y] (ab40777) at 1/10000 dilution (purified) + HEK293 whole cell lysate at 10 µg

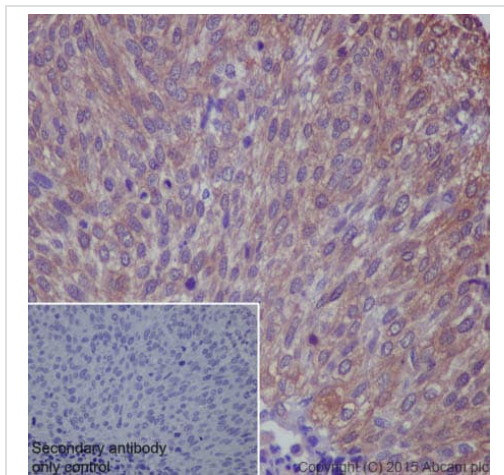
Secondary

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

Predicted band size: 130 kDa

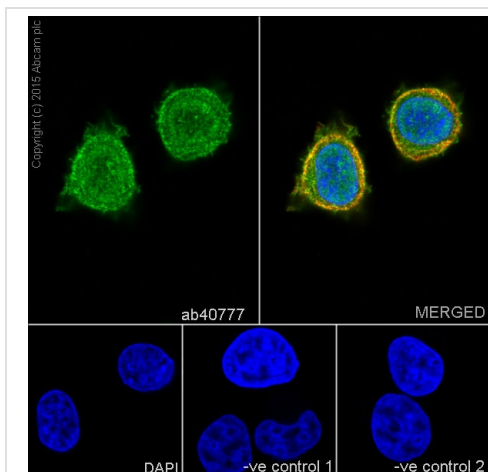
Observed band size: 170 kDa

Blocking and dilution buffer: 5% NFDM/TBST



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IRS1 antibody [EP263Y] (ab40777)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human cervical carcinoma tissue labelling IRS1 with purified ab40777 at a dilution of 1/100. Heat mediated antigen retrieval was performed using EDTA buffer pH 9. **ab97051**, a HRP-conjugated goat anti-rabbit IgG (H+L) was used as the secondary antibody (1/500). Negative control using PBS instead of primary antibody. Counterstained with hematoxylin.

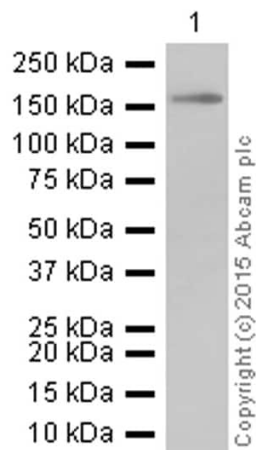


Immunocytochemistry/ Immunofluorescence - Anti-IRS1 antibody [EP263Y] (ab40777)

Immunocytochemistry/Immunofluorescence analysis of MCF-7 cells labelling IRS1 with purified ab40777 at a dilution of 1/250. Cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100. **ab150077**, an Alexa Fluor® 488-conjugated goat anti-rabbit IgG (1/1000) 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 (1/250) and secondary antibody, **ab150120**, an Alexa Fluor® 594-conjugated goat anti-mouse IgG (1/1000).

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



Western blot - Anti-IRS1 antibody [EP263Y]
(ab40777)

Anti-IRS1+IRS2 antibody [EP263Y] (ab40777) (purified) + HeLa whole cell lysate at 10 μ g

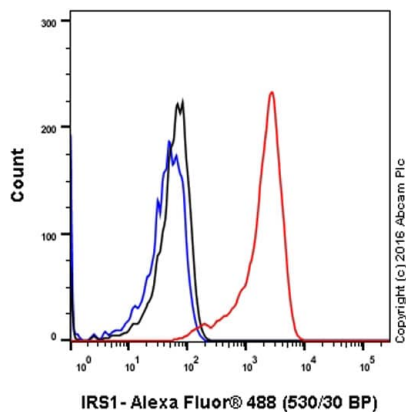
Secondary

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

Predicted band size: 130 kDa

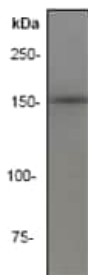
Observed band size: 170 kDa

Blocking and dilution buffer: 5% NFDM/TBST



Flow Cytometry (Intracellular) - Anti-IRS1 antibody
[EP263Y] (ab40777)

Intracellular Flow Cytometry analysis of MCF-7 (human breast carcinoma) cells labeling IRS1 with unpurified ab40777 at 1/90 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) were used as the unlabeled control.

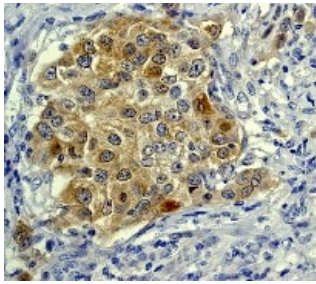


Western blot - Anti-IRS1 antibody [EP263Y]
(ab40777)

Anti-IRS1+IRS2 antibody [EP263Y] (ab40777) at 1/1000 dilution (unpurified) + HeLa cell lysate at 10 μ g

Predicted band size: 130 kDa

Observed band size: 170 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast carcinoma labelling IRS1 with unpurified ab40777.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IRS1 antibody [EP263Y] (ab40777)

Why choose a recombinant antibody?



Research with confidence
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Success from the first experiment
Confirmed specificity



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Anti-IRS1 antibody [EP263Y] (ab40777)

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