


Anti-Eph receptor B1 + Eph receptor B2 (phospho Y594 + Y596) antibody ab61791

★★★★★ [4 Abreviews](#) [21 References](#) [4 图像](#)

概述

产品名称	Anti-Eph receptor B1 + Eph receptor B2 (phospho Y594 + Y596)抗体
描述	兔多克隆抗体to Eph receptor B1 + Eph receptor B2 (phospho Y594 + Y596)
宿主	Rabbit
特异性	ab61791 detects endogenous levels of EPHB1/2 only when phosphorylated at tyrosine 594 and tyrosine 596.
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide corresponding to Human Eph receptor B1 + Eph receptor B2 (phospho Y594 + Y596). Database link: P54763-3
阳性对照	Extracts from HepG2 cells, HuvEc cells.
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol, 0.87% Sodium chloride
纯度	Immunogen affinity purified
纯化说明	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

克隆
同种型

多克隆
IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab61791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)	1/500 - 1/1000. Detects a band of approximately 110 kDa (predicted molecular weight: 110 kDa).
ICC/IF	★★★★★ (2)	1/500 - 1/1000.

靶标

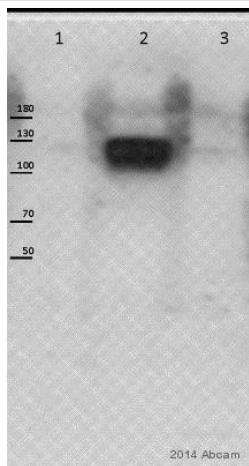
相关性

Ephrin receptors bind members of the ephrin ligand family. They are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. They make up the largest subgroup of the receptor tyrosine kinase (RTK) family. Eph receptor B1 (EphB1) and Eph receptor B2 (EphB2) are receptors for ephrin-B family members. Developing and adult neural tissue express nearly all of the Ephrin receptors and ephrin ligands. Ephrins and ephrin receptors also play a significant role in angiogenesis. EphB2 acts as a tumor suppressor.

细胞定位

Membrane; Single-pass type I membrane protein.

图片



Western blot - Anti-Eph receptor B1 + Eph receptor B2 (phospho Y594 + Y596) antibody (ab61791)

This image is courtesy of an Abreview submitted by Thomas Jungas

All lanes : Anti-Eph receptor B1 + Eph receptor B2 (phospho Y594 + Y596) antibody (ab61791) at 1/1000 dilution

Lane 1 : HeLa whole cell lysate

Lane 2 : HeLa whole cell lysate - overexpressing EphB2

Lane 3 : HeLa whole cell lysate - overexpressing EphB2-kinase dead (K661R)

Lysates/proteins at 100000 cells per lane.

Secondary

All lanes : HRP-conjugated goat anti-rabbit IgG monoclonal at 1/5000 dilution

Developed using the ECL technique.

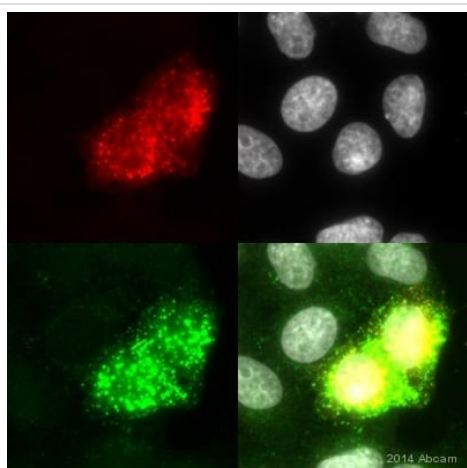
Performed under reducing conditions.

Predicted band size: 110 kDa

Observed band size: 110 kDa

Exposure time: 5 minutes

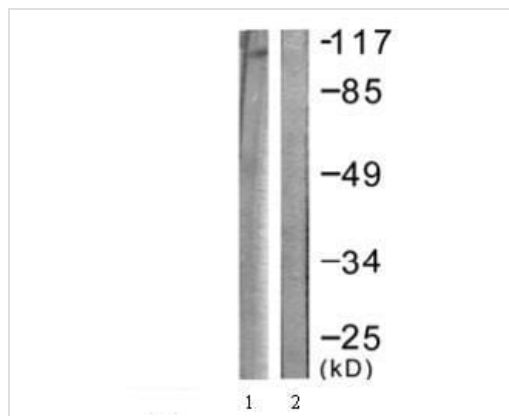
All cells were stimulated with preclustered ephrinb1-Fc chimeric protein.



Immunocytochemistry/ Immunofluorescence - Anti-Eph receptor B1 + Eph receptor B2 (phospho Y594 + Y596) antibody (ab61791)

This image is courtesy of an Abreview submitted by Thomas Jungas

ab61791 staining Eph receptor B1 + Eph receptor B2 (phospho Y594) in HeLa cells (overexpressing EphB2 and stimulated for 20 minutes with preclustered efnb1-Fc chimeric protein) by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with paraformaldehyde, permeabilized with 0.1% Triton X-100 and blocked with 1% BSA for 30 minutes at 25°C. Samples were incubated with primary antibody (1/100 in PBS + 1% BSA + 0.1% Triton X-100) for 2 hour at 25°C. An Alexa Fluor® 488-conjugated donkey anti-rabbit IgG polyclonal (1/300) was used as the secondary antibody. Red - anti-EphB2 (goat), Grey - DAPI, Green - ab61791.



Western blot - Anti-Eph receptor B1 + Eph receptor B2 (phospho Y594 + Y596) antibody (ab61791)

All lanes : Anti-Eph receptor B1 + Eph receptor B2 (phospho Y594 + Y596) antibody (ab61791) at 1/500 dilution

Lane 1 : Extracts from HepG2 cells

Lane 2 : Extracts from HepG2 cells with the immunising phosphopeptide

Predicted band size: 110 kDa

Observed band size: 110 kDa



Immunocytochemistry/ Immunofluorescence - Anti-Eph receptor B1 + Eph receptor B2 (phospho Y594 + Y596) antibody (ab61791)

Immunofluorescence analysis of HuvEc cells, using ab61791 at 1/500-1/1000 dilution with (+) or without (-) immunising phosphopeptide.

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