


Alexa Fluor® 647 Anti-Cortactin antibody [EP1922Y] ab202650

敲除验证
重组
RabMAb

3 图像

概述

产品名称	Alexa Fluor® 647 荧光 Anti-Cortactin 抗体 [EP1922Y]
描述	Alexa Fluor® 647 荧光 兔 单克隆 抗体 [EP1922Y] to Cortactin
宿主	Rabbit
偶联物	Alexa Fluor® 647. Ex: 652nm, Em: 668nm
经测试应用	适用于: ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	ICC/IF: HeLa and wildtype HAP1 cells.
常规说明	<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>Alexa Fluor® is a registered trademark of Molecular Probes, Inc, a Thermo Fisher Scientific Company. The Alexa Fluor® dye included in this product is provided under an intellectual property license from Life Technologies Corporation. As this product contains the Alexa Fluor® dye, the purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). As this product contains the Alexa Fluor® dye the sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are sold for use in research. For information on purchasing a license to this product for purposes other than research, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@thermofisher.com.</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. Store In the Dark.

存储溶液

pH: 7.40
Preservative: 0.02% Sodium azide
Constituents: PBS, 30% Glycerol (glycerin, glycerine), 1% BSA

纯度

Protein A purified

克隆

单克隆

克隆编号

EP1922Y

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab202650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
ICC/IF		1/100.

靶标

功能

Contributes to the organization of the actin cytoskeleton and cell structure. Plays a role in the regulation of cell migration. Plays a role in the invasiveness of cancer cells, and the formation of metastases.

序列相似性

Contains 7 cortactin repeats.
Contains 1 SH3 domain.

结构域

The SH3 motif may mediate binding to the cytoskeleton.

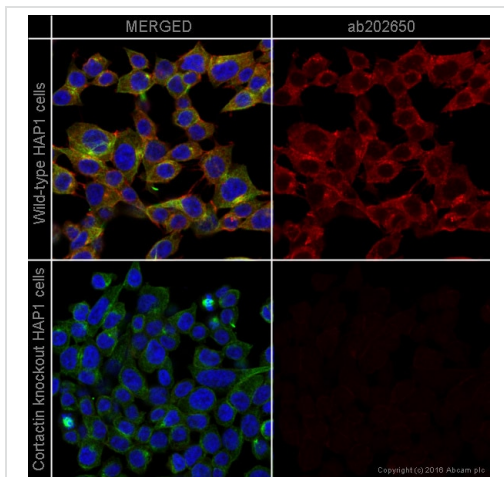
翻译后修饰

Tyrosine phosphorylation in transformed cells may contribute to cellular growth regulation and transformation.

细胞定位

Cytoplasm > cytoskeleton. Cell projection > lamellipodium. Cell projection > ruffle. Associated with membrane ruffles and lamellipodia.

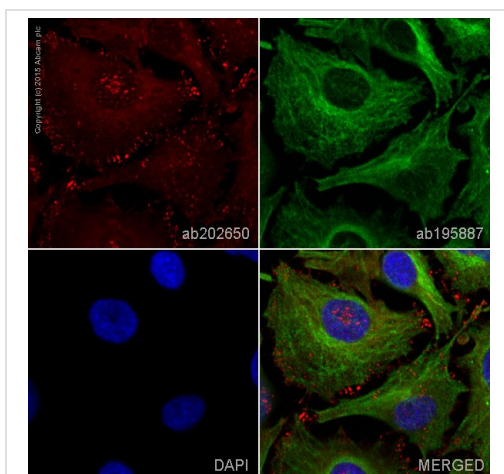
图片



Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 647 Anti-Cortactin antibody [EP1922Y] (ab202650)

ab202650 staining Cortactin in wild-type HAP1 cells (top panel) and Cortactin knockout HAP1 cells (bottom panel). The cells were fixed with 4% formaldehyde (5min), permeabilized with 0.1% Triton X-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated with ab202650 at 1/100 dilution (shown in red) **ab195887** at 1/250 dilution (shown in green) overnight at +4°C. Nuclear DNA was labelled in blue with DAPI.

Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).



Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 647 Anti-Cortactin antibody [EP1922Y] (ab202650)

ab202650 staining Cortactin in HeLa cells. The cells were fixed with 100% methanol (5min), permeabilized with 0.1% Triton X-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated overnight at +4°C with ab202650 at 1/100 dilution (shown in red) and **ab195887**, Mouse monoclonal to alpha Tubulin (Alexa Fluor® 488), at 1/250 dilution (shown in green). Nuclear DNA was labelled with DAPI (shown in blue).

Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).

This product also gave a positive signal under the same testing conditions in HeLa cells fixed with 4% formaldehyde (10 min).

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

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(ab202650)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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