

Alexa Fluor® 647 Anti-Cytokeratin 8 antibody [EP1628Y]
ab192468

重组 RabMAb

★★★★★ 1 Abreviews 5 References 3 图像

概述

产品名称	Alexa Fluor® 647荧光Anti-Cytokeratin 8抗体[EP1628Y]
描述	Alexa Fluor® 647荧光兔单克隆抗体[EP1628Y] to Cytokeratin 8
宿主	Rabbit
偶联物	Alexa Fluor® 647. Ex: 652nm, Em: 668nm
经测试应用	适用于: ICC/IF, Flow Cyt (Intra)
种属反应性	与反应: Human 预测可用于: Mouse 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	ICC/IF: HeLa cells. Flow Cyt (intra): HeLa 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: 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

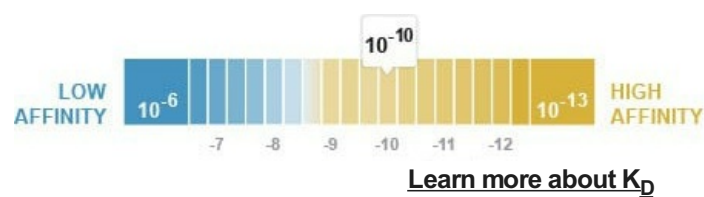
形式 Liquid

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. Stable for 12 months at -20°C. Store In the Dark.

解离常数 (K_D)

K_D = 4.60 x 10⁻¹⁰ M



存储溶液

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

纯度

Protein A purified

克隆

单克隆

克隆编号

EP1628Y

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab192468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)	1/50.
Flow Cyt (Intra)		Use 2µl for 10 ⁶ cells. ab199093 - Rabbit monoclonal IgG (Alexa Fluor® 647), is suitable for use as an isotype control with this antibody.

靶标

功能

Together with KRT19, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.

组织特异性

Observed in muscle fibers accumulating in the costameres of myoplasm at the sarcolemma membrane in structures that contain dystrophin and spectrin. Expressed in gingival mucosa and hard palate of the oral cavity.

疾病相关

Cirrhosis

序列相似性

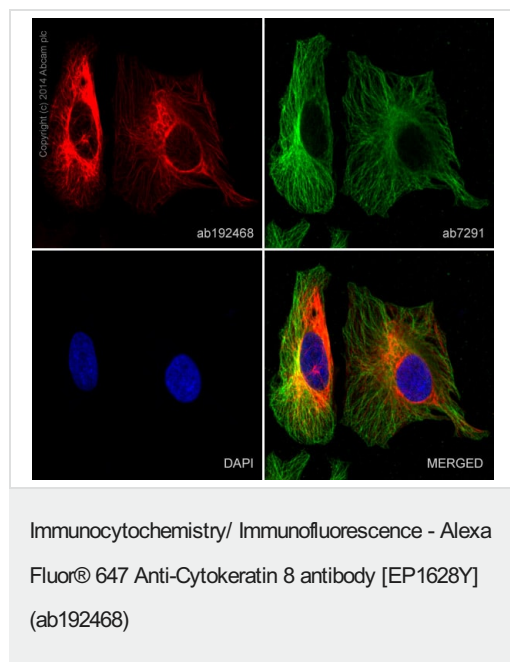
Belongs to the intermediate filament family.

翻译后修饰

Phosphorylation on serine residues is enhanced during EGF stimulation and mitosis. Ser-74 phosphorylation plays an important role in keratin filament reorganization.
O-glycosylated. O-GlcNAcylation at multiple sites increases solubility, and decreases stability by inducing proteasomal degradation.
O-glycosylated (O-GlcNAcyated), in a cell cycle-dependent manner.

细胞定位

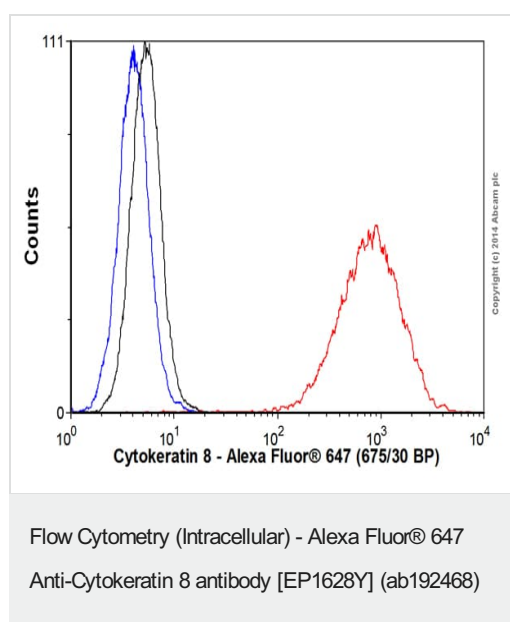
Cytoplasm. Nucleus, nucleoplasm. Nucleus matrix.



ab192468 staining Cytokeratin 8 in HeLa cells. The cells were fixed with 4% formaldehyde (10 min) and then blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Triton X-100 for 1hr. The cells were then incubated with ab192468 at a working dilution of 1 in 50 (shown in red) and **ab7291** (Mouse monoclonal [DM1A] to alpha Tubulin) at 1µg/ml overnight at +4°C, followed by a further incubation at room temperature for 1hr with AlexaFluor® 488 Goat anti-mouse IgG (H&L - preadsorbed) (**ab150117**) at 2 µg/ml (shown in green). Nuclear DNA was labelled in blue with DAPI.

This product gave a positive signal in 100% methanol (5 min) fixed HeLa cells tested under the same conditions.

Image was taken with a Confocal microscope (Leica-microsystems, TCS SP8).



Overlay histogram showing HeLa cells stained with ab192468 (red line). The cells were fixed with 4% formaldehyde (10 min) and then permeabilized with 0.1% PBS-Triton X-100 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 (ab192468, 2µl/1x10⁶) for 30 min at 22°C. Isotype control antibody (black line) was rabbit IgG (monoclonal) (Alexa Fluor® 647) (2µl/1x10⁶) for 30 min at 22°C. Unlabelled sample (blue line) was also used as a control.

Acquisition of >5,000 events were collected using a 25mW red solid state diode laser (635nm) and 675/30 bandpass filter.

This antibody gave a positive signal in HeLa fixed with 80% methanol (5 min)/permeabilized with 0.1% PBS-Triton X-100 for 20 min used under the same conditions.

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

Alexa Fluor® 647 Anti-Cytokeratin 8 antibody
[EP1628Y] (ab192468)

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

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