

PE Anti-Cytokeratin 7 antibody [EPR1619Y] - Cytoskeleton Marker ab210628

重组 RabMAb

3 图像

概述

产品名称	PE Anti-Cytokeratin 7 抗体[EPR1619Y] - Cytoskeleton Marker
描述	PE 兔单克隆抗体[EPR1619Y] to Cytokeratin 7 - Cytoskeleton Marker
宿主	Rabbit
偶联物	PE. Ex: 488nm, Em: 575nm
经测试应用	适用于: ICC/IF, Flow Cyt (Intra)
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Flow Cyt (intra)ometry: T47D cells ICC/IF: T47D 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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot. Store at +4°C. Do Not Freeze. Store In the Dark.
存储溶液	<p>pH: 7.4</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 1% BSA</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR1619Y

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab210628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. This product gave a positive signal in T47D cells fixed with 100% methanol (5 min), and 4% formaldehyde (10 min)
Flow Cyt (Intra)		1/500.

靶标

功能

Blocks interferon-dependent interphase and stimulates DNA synthesis in cells. Involved in the translational regulation of the human papillomavirus type 16 E7 mRNA (HPV16 E7).

组织特异性

Expressed in cultured epidermal, bronchial and mesothelial cells but absent in colon, ectocervix and liver. Observed throughout the glandular cells in the junction between stomach and esophagus but is absent in the esophagus.

序列相似性

Belongs to the intermediate filament family.

翻译后修饰

Arg-20 is dimethylated, probably to asymmetric dimethylarginine.

细胞定位

Cytoplasm.

图片

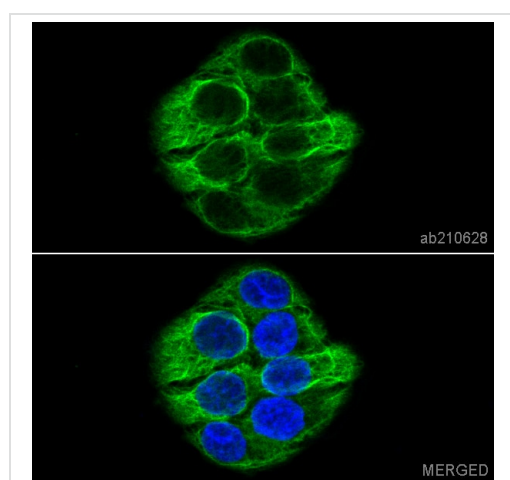
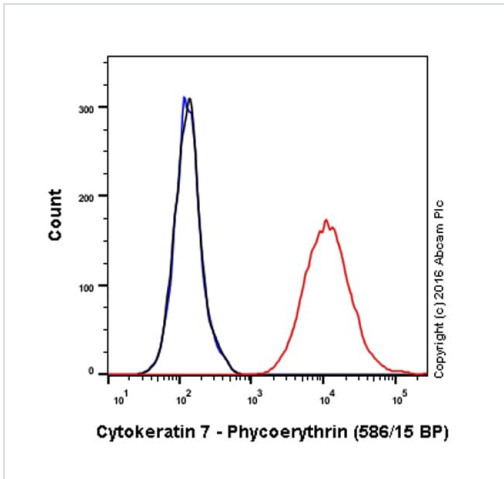


Figure Legend for the image: ab210628 staining Cytokeratin 7 in T74D cells. The cells were fixed with 100% methanol, permeabilized with 0.1% Triton X-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated overnight at +4°C with ab210628 at 1/100 dilution (pseudocolored 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 T74D cells fixed with 4% formaldehyde.

Immunocytochemistry/ Immunofluorescence - PE
Anti-Cytokeratin 7 antibody [EPR1619Y] -
Cytoskeleton Marker (ab210628)







Flow Cytometry (Intracellular) - PE Anti-Cytokeratin 7 antibody [EPR1619Y] - Cytoskeleton Marker (ab210628)

Overlay histogram showing T47D cells stained with ab210628 (red line). The cells were fixed with 4% formaldehyde and then permeabilized with 90% methanol at -20°C for 15 min. The cells were then incubated in 1x PBS / 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (ab210628, 1/500 dilution) for 30 min at 22°C.

Isotype control antibody (black line) was rabbit IgG (monoclonal) Phycoerythrin (**ab209478**) used at the same concentration and conditions as the primary antibody. Unlabelled sample (blue line) was also used as a control.

Acquisition of >5,000 events were collected using a 50mW Yellow/Green laser (561nm) and 586/15 bandpass filter.

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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

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