

# Alexa Fluor® 647 Anti-PAX8 antibody [EPR18715] ab215953

**重组 RabMAb**

**2 References**   **2 图像**

### 概述

<b>产品名称</b>	Alexa Fluor® 647 荧光 Anti-PAX8 抗体[EPR18715]
<b>描述</b>	Alexa Fluor® 647 荧光 兔单克隆抗体[EPR18715] to PAX8
<b>宿主</b>	Rabbit
<b>偶联物</b>	Alexa Fluor® 647. Ex: 652nm, Em: 668nm
<b>经测试应用</b>	<b>适用于:</b> ICC/IF
<b>种属反应性</b>	<b>与反应:</b> Human
<b>免疫原</b>	Recombinant fragment within Human PAX8 aa 100 to the C-terminus. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <b><a href="#">contact</a></b> our Scientific Support team to discuss your requirements. Database link: <b><a href="#">Q06710</a></b>

 **[Run BLAST with](#)**

 **[Run BLAST with](#)**

**阳性对照** ICC/IF: OVCAR-3 cells

**常规说明** This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information **[see here](#)**.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **[RabMAb® patents](#)**.

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## 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: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR18715
同种型	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab215953于以下的经测试应用

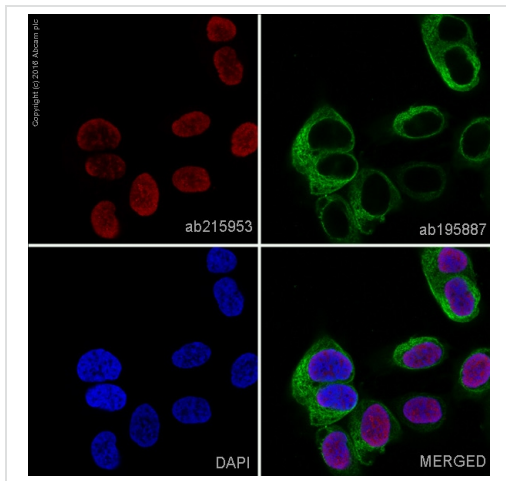
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		1/200. This product gave a positive signal in OVCAR-3 cells fixed with 4% formaldehyde (10 min)

## 靶标

功能	Transcription factor for the thyroid-specific expression of the genes exclusively expressed in the thyroid cell type, maintaining the functional differentiation of such cells.
组织特异性	Expressed in the excretory system, thyroid gland and Wilms tumors.
疾病相关	Defects in PAX8 are the cause of congenital hypothyroidism non-goitrous type 2 (CHNG2) [MIM:218700]. CHNG2 is a disease characterized by thyroid dysgenesis, the most frequent cause of congenital hypothyroidism, accounting for 85% of case. The thyroid gland can be completely absent (athyreosis), ectopically located and/or severely hypoplastic. Ectopic thyroid gland is the most frequent malformation, with thyroid tissue being found most often at the base of the tongue.
序列相似性	Contains 1 paired domain.
发展阶段	In developing excretory system, during thyroid differentiation and in adult thyroid.
细胞定位	Nucleus.

## 图片







Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 647 Anti-PAX8 antibody [EPR18715] (ab215953)

ab215953 staining PAX8 in OVCAR-3 cells. The cells were fixed with 4% formaldehyde (10 min), 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 ab215953 at 1/200 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).

Why choose a recombinant antibody?

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

Alexa Fluor® 647 Anti-PAX8 antibody [EPR18715] (ab215953)

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

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