

# Anti-Carbonic Anhydrase 1/CA1 antibody [EPR5193] ab108367

**重组** RabMAb

★★★★★ **2 Abreviews** **8 References** **4 图像**

### 概述

产品名称	Anti-Carbonic Anhydrase 1/CA1抗体[EPR5193]
描述	兔单克隆抗体[EPR5193] to Carbonic Anhydrase 1/CA1
宿主	Rabbit
经测试应用	<b>适用于:</b> WB, Flow Cyt (Intra) <b>不适用于:</b> ICC/IF, IHC-P or IP
种属反应性	<b>与反应:</b> Mouse, Rat, Human, Zebrafish
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: TF-1, Mouse spleen lysates, Rat brain lysates, Rat spleen lysates, Zebrafish eye lysates, Mouse kidney lysates, HEL, K-562 whole cell lysates Flow Cyt (intra): K-562 cells IHC-Fr: Zebrafish retina tissue.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <b><a href="#">see here</a></b> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <b><a href="#">RabMAb<sup>®</sup> patents</a></b> .

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR5193

同种型IgG

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab108367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。

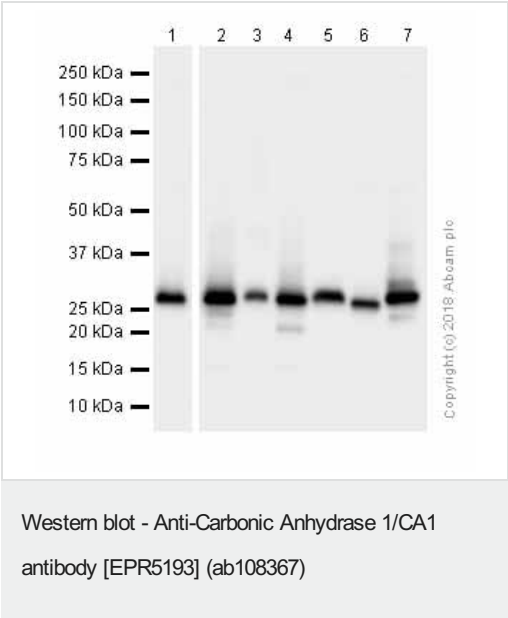
应用	Ab评论	说明
WB	★★★★★ (1)	1/10000 - 1/50000. Predicted molecular weight: 29 kDa.
Flow Cyt (Intra)		1/60.

应用说明      Is unsuitable for ICC/IF,IHC-P or IP.

靶标

功能      Reversible hydration of carbon dioxide. Can hydrates cyanamide to urea.  
序列相似性      Belongs to the alpha-carbonic anhydrase family.  
细胞定位      Cytoplasm.

图片



**All lanes :** Anti-Carbonic Anhydrase 1/CA1 antibody [EPR5193] (ab108367) at 1/10000 dilution

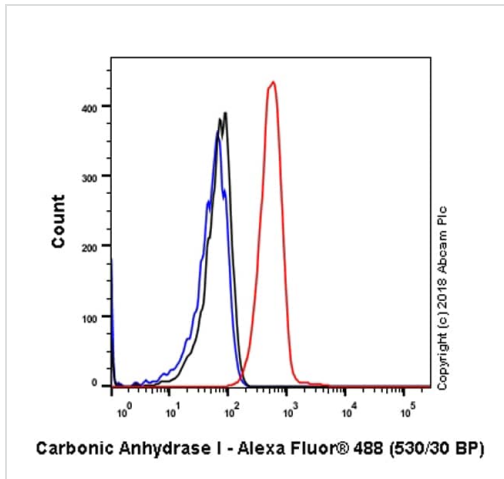
- Lane 1 :** TF-1 (Human Erythroleukemia erythroblast) whole cell lysates
- Lane 2 :** Mouse spleen lysates
- Lane 3 :** Rat brain lysates
- Lane 4 :** Rat spleen lysates
- Lane 5 :** Zebrafish eye lysates
- Lane 6 :** Mouse kidney lysates
- Lane 7 :** HEL (Human Erythroleukemia erythroblast) whole cell lysates

Lysates/proteins at 20 µg per lane.

Secondary

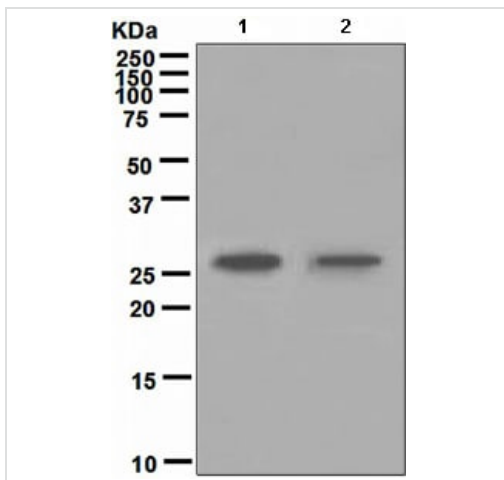
**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

**Predicted band size:** 29 kDa  
**Observed band size:** 29 kDa



Flow Cytometry (Intracellular) - Anti-Carbonic Anhydrase 1/CA1 antibody [EPR5193] (ab108367)

Intracellular Flow Cytometry analysis of K-562 (Human chronic myelogenous leukemia lymphoblast) cells labeling Carbonic Anhydrase I/CA1 with Purified ab108367 at 1/60 dilution (10µg/ml) (red). Cells were fixed with 4% Paraformaldehyde. A Goat anti rabbit IgG (Alexa Fluor® 488, [ab150077](#)) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).



Western blot - Anti-Carbonic Anhydrase 1/CA1 antibody [EPR5193] (ab108367)

**All lanes :** Anti-Carbonic Anhydrase 1/CA1 antibody [EPR5193] (ab108367) at 1/10000 dilution

**Lane 1 :** K562 cell lysates

**Lane 2 :** TF1 cell lysates

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 29 kDa

### 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

Anti-Carbonic Anhydrase 1/CA1 antibody [EPR5193]  
(ab108367)

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

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