


# Alexa Fluor® 488 Anti-SRC Family (phospho Y418) antibody [EP503Y] ab201858

重组 RabMAb

3 图像

### 概述

产品名称	Alexa Fluor® 488荧光Anti-SRC Family (phospho Y418)抗体[EP503Y]
描述	Alexa Fluor® 488荧光兔单克隆抗体[EP503Y] to SRC Family (phospho Y418)
宿主	Rabbit
偶联物	Alexa Fluor® 488. Ex: 495nm, Em: 519nm
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 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	ICC/IF: HeLa cells +/- pervanadate (Non-treated: serum-starved for 16h at 37°C; Treated: serum-starved for 16h, then incubated with pervanadate 1mM for 30min at 37°C).
常规说明	This protein is known to be similar in amino acid sequence to HCK (P08631), LCK (P06239), FYN (P06241), YES1 (P07947), and SRC (P12931). Therefore, cross-reactivity with these homologous proteins may be observed. We would be happy to provide immunogen alignment information upon request.

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

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

## 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. Stable for 12 months at -20°C. 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	EP503Y
同种型	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™** 承诺保证使用 ab201858 于以下的经测试应用

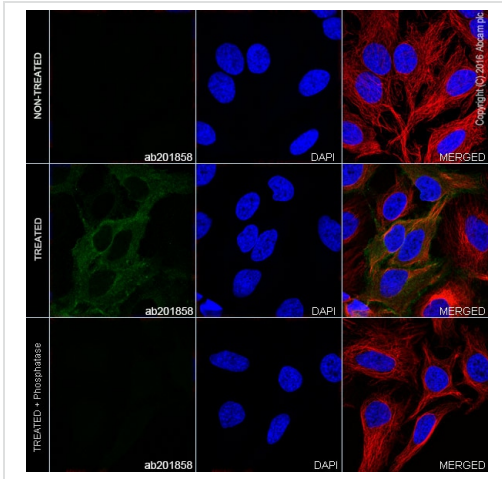
“应用说明”部分下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		1/100.

## 靶标

相关性	SRC Family Negative Regulatory Phosphorylation Site belongs to the protein kinase superfamily, Tyr protein kinase family, SRC subfamily. It contains one protein kinase domain, one SH2 domain and one SH3 domain. It may serve as part of a signaling pathway coupling the Fc receptor to the activation of the respiratory burst and may also contribute to neutrophil migration and may regulate the degranulation process of neutrophils. SRC Family Negative Regulatory Phosphorylation Site is expressed predominantly in cells of the myeloid and B lymphoid lineages. There are two named isoforms.
细胞定位	Isoform 1: Membrane; Lipid anchor. Isoform 2: Membrane; Lipid anchor. Cytoplasm.

## 图片

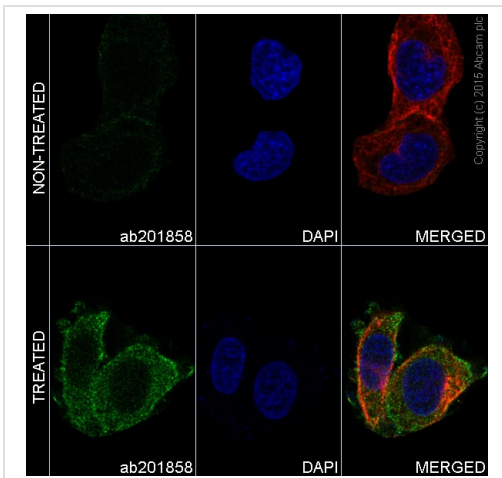


Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 488 Anti-SRC Family (phospho Y418) antibody [EP503Y] (ab201858)

ab201858 staining SRC Family (phospho Y418) in HeLa cells +/- pervanadate (1mM, 15min), then treated with LP (31 degrees C, 2 hours). 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 ab201858 at 1/100 dilution (shown in green) and **ab195889**, Mouse monoclonal to alpha Tubulin (Alexa Fluor® 594), at 1/250 dilution (shown in red). Nuclear DNA was labelled with DAPI (shown in blue).

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



Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 488 Anti-SRC Family (phospho Y418) antibody [EP503Y] (ab201858)

ab201858 staining Lyn (phospho Y396) in HeLa cells +/- pervanadate (Non-treated: serum-starved for 16h at 37°C; Treated: serum-starved for 16h, then incubated with pervanadate 1mM for 30min at 37°C). 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 ab201858 at 1/250 dilution (shown in green) and **ab195889**, Mouse monoclonal to alpha Tubulin (Alexa Fluor® 594) at 1/200 dilution (shown in red). 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?



**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® 488 Anti-SRC Family (phospho Y418) antibody [EP503Y] (ab201858)

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

### Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

### Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors