

# Anti-CD9 antibody [P1/33/2] - BSA and Azide free ab255932

重组

★★★★★ **1 Abreviews**   3 图像

### 概述

产品名称	Anti-CD9抗体[P1/33/2] - BSA and Azide free
描述	小鼠单克隆抗体[P1/33/2] to CD9 - BSA and Azide free
宿主	Mouse
经测试应用	<b>适用于:</b> ICC/IF, Flow Cyt <b>不适用于:</b> IHC-P
种属反应性	<b>与反应:</b> Human
免疫原	Tissue, cells or virus. This information is proprietary to Abcam and/or its suppliers.
阳性对照	ICC/IF: HCT 116 cells. Flow cyt: HCT 116 cells.
常规说明	<p>ab255932 is the carrier-free version of <b>ab254175</b>.</p> <p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact <a href="mailto:orders@abcam.com">orders@abcam.com</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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> <p>For more information <b><a href="#">see here</a></b>.</p>

<b>性能</b>	
<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C. Do Not Freeze.
<b>存储溶液</b>	pH: 7.2 Constituent: PBS
<b>无载体</b>	是
<b>纯度</b>	Protein A purified
<b>克隆</b>	单克隆
<b>克隆编号</b>	P1/33/2
<b>同种型</b>	IgG1

应用

The Abpromise guarantee

**Abpromise™**承诺保证使用ab255932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。

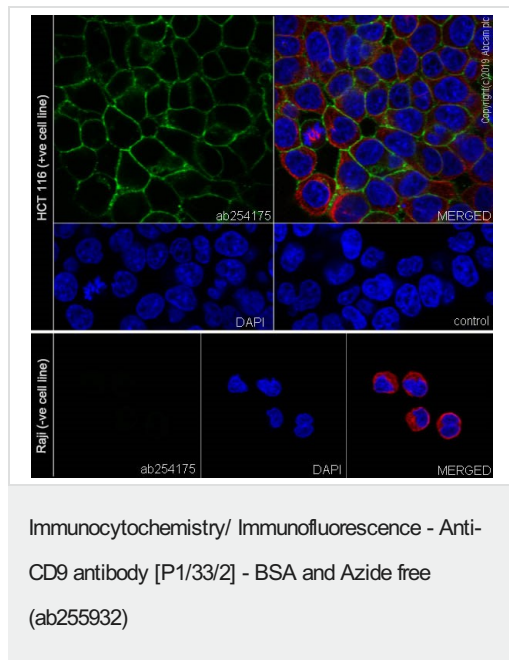
应用	Ab评论	说明
ICC/IF		Use a concentration of 9.66 µg/ml.
Flow Cyt		Use a concentration of 1.006 µg/ml.

应用说明

Is unsuitable for IHC-P.

<b>靶标</b>	
<b>功能</b>	Involved in platelet activation and aggregation. Regulates paranodal junction formation. Involved in cell adhesion, cell motility and tumor metastasis. Required for sperm-egg fusion.
<b>组织特异性</b>	Expressed by a variety of hematopoietic and epithelial cells.
<b>序列相似性</b>	Belongs to the tetraspanin (TM4SF) family.
<b>翻译后修饰</b>	Protein exists in three forms with molecular masses between 22 and 27 kDa, and is known to carry covalently linked fatty acids.
<b>细胞定位</b>	Membrane.

图片

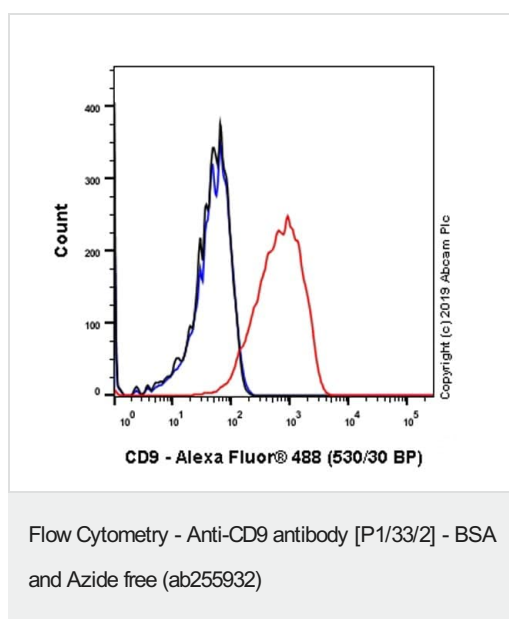


Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HCT 116 (human colorectal carcinoma epithelial cell) cells labeling CD9 with **ab254175** at 9.66µg/ml, followed by **ab150113** AlexaFluor®488 Goat anti-Mouse secondary antibody at 1/1000 dilution (Green). Confocal image showing membranous staining in HCT 116 cells. The nuclear counterstain is DAPI (Blue). Tubulin is detected with **ab179504** anti-beta IV Tubulin antibody - Microtubule Marker at 1/200 dilution, followed by **ab150080** AlexaFluor®594 Goat anti-Rabbit secondary antibody (Red).

Control: Used PBS instead of primary antibody, followed by **ab150113** AlexaFluor®488 Goat anti-Mouse secondary antibody at 1/1000 dilution.

**Negative control:** Raji (PMID: 8921952).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab254175**).



Flow cytometric analysis of HCT 116 (Human colorectal carcinoma epithelial cell) cells labeling CD9 with **ab254175** at 1.006µg/ml (Red) compared with a mouse Isotype control (Black) and an unlabeled control (cells without incubation with primary antibody and secondary antibody) (Blue). Goat anti mouse IgG (Alexa Fluor® 488, **ab150113**), at 1/2000 dilution was used as the secondary antibody. Gated on viable cells.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab254175**).

### 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-CD9 antibody [P1/33/2] - BSA and Azide free  
(ab255932)

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

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- Response to your inquiry within 24 hours
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- Extensive multi-media technical resources to help you
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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.

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