

Anti-CD9 antibody [P1/33/2] ab254175

重组

3 References **3 图像**

概述

产品名称	Anti-CD9抗体[P1/33/2]
描述	小鼠单克隆抗体[P1/33/2] to CD9
宿主	Mouse
经测试应用	适用于: ICC/IF, Flow Cyt 不适用于: IHC-P
种属反应性	与反应: 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>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <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>

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 long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.2 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	P1/33/2
同种型	IgG1

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab254175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.

靶标

功能

Involved in platelet activation and aggregation. Regulates paranodal junction formation. Involved in cell adhesion, cell motility and tumor metastasis. Required for sperm-egg fusion.

组织特异性

Expressed by a variety of hematopoietic and epithelial cells.

序列相似性

Belongs to the tetraspanin (TM4SF) family.

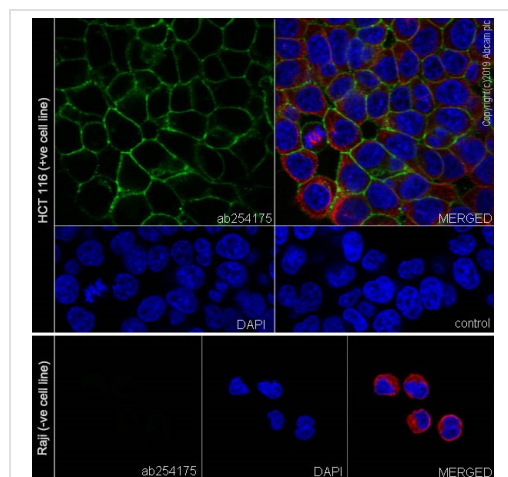
翻译后修饰

Protein exists in three forms with molecular masses between 22 and 27 kDa, and is known to carry covalently linked fatty acids.

细胞定位

Membrane.

图片

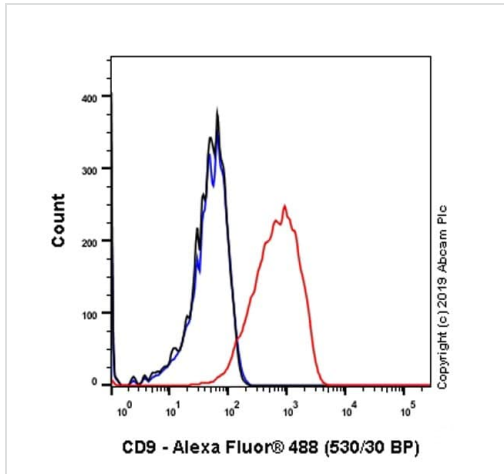


Immunocytochemistry/ Immunofluorescence - Anti-CD9 antibody [P1/33/2] (ab254175)

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).



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.

Flow Cytometry - Anti-CD9 antibody [P1/33/2] (ab254175)

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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