

APC Anti-VCAM1 antibody [STA], prediluted ab103173

敲除验证

2 References 2 图像

概述	
产品名称	APC Anti-VCAM1抗体[STA], prediluted
描述	APC小鼠单克隆抗体[STA] to VCAM1, prediluted
宿主	Mouse
偶联物	APC. Ex: 645nm, Em: 660nm
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human
免疫原	Tissue, cells or virus corresponding to Human VCAM1. Human DS6 T cell line
阳性对照	Flow Cyt: TNF-alpha activated HUVEC cells; Treated A549 cells.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>
性能	
形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	pH: 7.4 Preservative: 0.097% Sodium azide Constituents: PBS, 0.2% BSA
纯度	Size exclusion
纯化说明	Conjugates are made from highly purified antibodies (>95% by SDS-PAGE).
克隆	单克隆
克隆编号	STA
同种型	IgG1

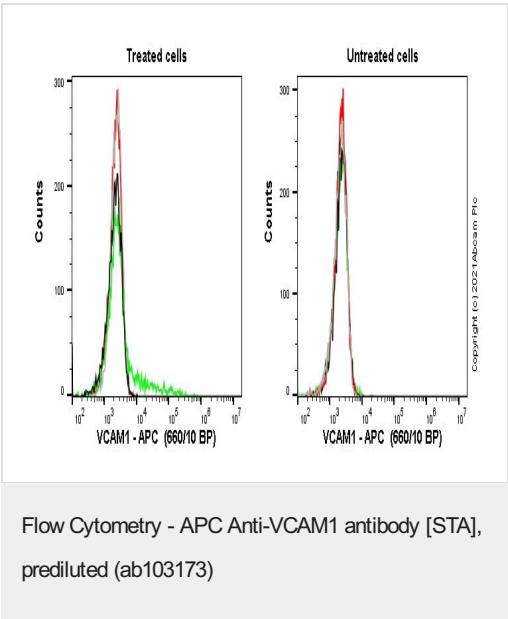
应用

The Abpromise guarantee Abpromise™ 承诺保证使用ab103173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
Flow Cyt		Use 10µl for 10 ⁶ cells. or 100µl whole blood ab273758 Mouse monoclonal IgG1 is suitable for use as an

靶标

功能	Important in cell-cell recognition. Appears to function in leukocyte-endothelial cell adhesion. Interacts with the beta-1 integrin VLA4 on leukocytes, and mediates both adhesion and signal transduction. The VCAM1/VLA4 interaction may play a pathophysiologic role both in immune responses and in leukocyte emigration to sites of inflammation.
组织特异性	Expressed on inflamed vascular endothelium, as well as on macrophage-like and dendritic cell types in both normal and inflamed tissue.
序列相似性	Contains 7 Ig-like C2-type (immunoglobulin-like) domains.
结构域	Either the first or the fourth Ig-like C2-type domain is required for VLA4-dependent cell adhesion.
翻译后修饰	Sialoglycoprotein.
细胞定位	Membrane.

图片

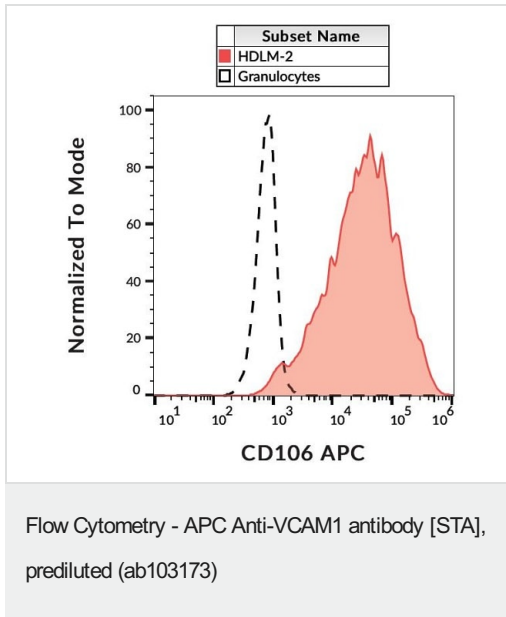


Flow cytometry overlay histogram showing wild-type A549 (green line) and VCAM1 knockout A549 cells (red line, **ab273758**), treated with 10 ng/ml TNF-alpha (**ab259410**) for 16 h (left) and untreated (right), stained with ab103173. The cells were incubated in 1x PBS containing 10% normal goat serum to block non-specific protein-protein interaction followed by the antibody (ab103173) (1x10⁶ in 100µl at 0.2µg/ml) for 30 min at 4°C.

Isotype control antibody mouse IgG1κ Allophycocyanin was used at the same concentration and conditions as the primary antibody (wild-type A549 - black line; VCAM knockout A549 - grey line). Unlabelled sample was also used as a control (this line is not shown for the purpose of simplicity).

Acquisition of >5000 events were collected using a 40 mW Red

laser (638nm) and 660/10 bandpass filter.



Surface staining of HDLM-2 cells with ab103173.

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