

Anti-CEACAM20 antibody [HT-12D8] ab59626

2 图像

概述

产品名称	Anti-CEACAM20抗体[HT-12D8]
描述	小鼠单克隆抗体[HT-12D8] to CEACAM20
宿主	Mouse
特异性	ab59626 does not react with CEACAM1, CEACAM3-8 or CEACAM19-21.
经测试应用	适用于: Flow Cyt, ICC/IF
种属反应性	与反应: Human, Recombinant fragment
免疫原	Other Immunogen Type corresponding to Human CEACAM20. cDNA encoding human CEACAM20
阳性对照	FACS: BOSC23 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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	pH: 7.20 Constituent: PBS
纯度	Protein G purified
纯化说明	ab59626 was purified by protein G affinity chromatography from cell culture supernatants.
克隆	单克隆
克隆编号	HT-12D8
同种型	IgG1

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab59626 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。

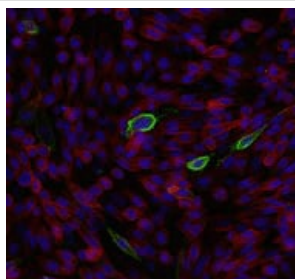
应用	Ab评论	说明
Flow Cyt		Use 1.2µg for 10 ⁶ cells. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
ICC/IF		Use 1µg for 10 ⁶ cells.

靶标

相关性 CEA-related cell adhesion molecule 20 (CEACAM20) belongs to the carcinoembryonic antigen (CEA) gene family. It encodes a putative glycoprotein which is membrane-bound via a transmembrane domain. The CEACAM20 protein contains a single N domain followed by 4 immunoglobulin-like A (A1, A2) and B (B1, B2) domains. Expression of CEACAM20 can be found in tissues of prostate, testis, duodenum and small intestine with highest expression in prostate. The function of CEACAM family members varies widely: they function as cell adhesion molecules, tumor suppressors, regulators of lymphocyte and dendritic cell activation, receptors of Neisseria species and other bacteria. High expression of CEACAM20 in tissue of prostate carcinoma and in prostate carcinoma cell lines suggest that CEACAM20 can be used as a tumor marker.

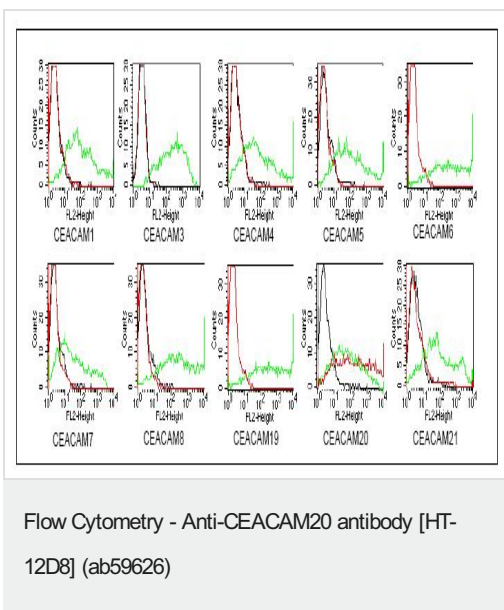
细胞定位 Membrane; Single-pass type I membrane protein

图片



Spectral Confocal Microscopy of CHO cells using ab59626 at 1µg/10⁶ cells. CHO cells were transiently transfected with an expression vector encoding CEACAM20. Binding of HT-12D8 (ab59626) was visualized with a FITC-conjugated secondary antibody (green). Actin filaments are labeled with Alexa Fluor-555 Phalloidin (red). Cell nuclei are stained with DAPI (blue).

Immunocytochemistry/ Immunofluorescence - Anti-CEACAM20 antibody [HT-12D8] (ab59626)



BOSC23 cells were transiently transfected with expression vectors containing either the cDNA of CEACAM1, CEACAM3-8 or CEACAM19-21. Expression of the constructs was tested with monoclonal antibodies known to recognize the corresponding proteins (CEACAM1, 3, 4, 5 and 6: D14HD11; CEACAM7: BAC2; CEACAM8: Tet2; CEACAM19,21: a-myc; CEACAM20: a-flag; green curves). An irrelevant monoclonal antibody served as a negative control (black curves). For specificity testing, protein G purified HT-12D8 (ab59626) was tested on all CEACAM transfectants. A positive signal was obtained only with CEACAM20 transfectants (red curve).

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