

Anti-CD44 antibody [KM201] ab25340

★★★★★ [2 Abreviews](#) [28 References](#) [1 图像](#)

概述

产品名称	Anti-CD44抗体[KM201]
描述	大鼠单克隆抗体[KM201] to CD44
宿主	Rat
经测试应用	适用于: Flow Cyt, IHC-FoFr
种属反应性	与反应: Mouse
免疫原	Tissue, cells or virus corresponding to Mouse CD44.
表位	ab25340 reacts with an epitope very close to the hyaluronate binding domain on the CD44 molecule.
阳性对照	Flow Cyt: BALB/c mouse bone marrow cells.
常规说明	<p>ab25340 can inhibit hyaluronate-dependent cell aggregation, prevent lympho-hemopoiesis in both Dexter and WhitlockWitte Cultures, prevent the earliest intrathymic precursors from homing to the thymus and costimulate the activation of freshly purified splenic CD4+ T cells.</p> <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. Avoid freeze / thaw cycle.
存储溶液	pH: 8.20 Constituent: 100% Borate buffered saline
纯度	Affinity purified
克隆	单克隆
克隆编号	KM201

同种型 IgG1
轻链类型 kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab25340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 at an assay dependent concentration. ab18407 - Rat monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IHC-FoFr		Use at an assay dependent concentration.

靶标

功能 Receptor for hyaluronic acid (HA). Mediates cell-cell and cell-matrix interactions through its affinity for HA, and possibly also through its affinity for other ligands such as osteopontin, collagens, and matrix metalloproteinases (MMPs). Adhesion with HA plays an important role in cell migration, tumor growth and progression. Also involved in lymphocyte activation, recirculation and homing, and in hematopoiesis. Altered expression or dysfunction causes numerous pathogenic phenotypes. Great protein heterogeneity due to numerous alternative splicing and post-translational modification events.

组织特异性 Isoform 10 (epithelial isoform) is expressed by cells of epithelium and highly expressed by carcinomas. Expression is repressed in neuroblastoma cells.

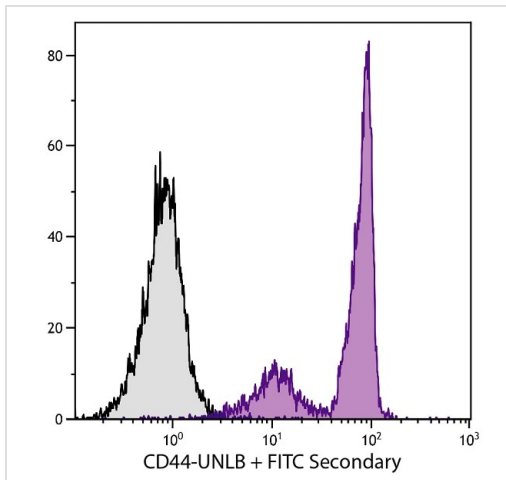
序列相似性 Contains 1 Link domain.

结构域 The lectin-like LINK domain is responsible for hyaluronan binding.

翻译后修饰 Proteolytically cleaved in the extracellular matrix by specific proteinases (possibly MMPs) in several cell lines and tumors.
N-glycosylated.
O-glycosylated; contains more-or-less-sulfated chondroitin sulfate glycans, whose number may affect the accessibility of specific proteinases to their cleavage site(s).
Phosphorylated; activation of PKC results in the dephosphorylation of Ser-706 (constitutive phosphorylation site), and the phosphorylation of Ser-672.

细胞定位 Membrane.

图片



Flow Cytometry - Anti-CD44 antibody [KM201]
(ab25340)

Flow Cytometry analysis of BALB/c mouse bone marrow cells labeling CD44 with ab25340 at 1 $\mu\text{g}/10^6$ cells dilution (purple). A Mouse Anti-Rat IgG1-FITC was used as the secondary antibody. Grey - Isotype Control, Rat IgG1-UNLB, followed by Mouse Anti-Rat IgG1-FITC.

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