

Product datasheet

Anti-CD44 antibody [KM81] (FITC) ab112165

1 图像

概述

产品名称	Anti-CD44抗体[KM81] (FITC)
描述	大鼠单克隆抗体[KM81] to CD44 (FITC)
宿主	Rat
偶联物	FITC. Ex: 493nm, Em: 528nm
经测试应用	适用于: Flow Cyt, IHC-Fr
种属反应性	与反应: Mouse
免疫原	Bone Marrow Derived Stromal Cells
阳性对照	BALB/c, CBA/J, C3H/He, C57BL/6, SWR

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.02% Sodium azide Constituents: 99% PBS, 0.5% BSA
纯度	Protein G purified
克隆	单克隆
克隆编号	KM81
骨髓瘤	Sp2/0
同种型	IgG2a

应用

Our [Abpromise guarantee](#) covers the use of **ab112165** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
Flow Cyt		Use 0.5µg for 10 ⁶ cells. ab18446 -Rat monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
IHC-Fr		1/50. Fix with acetone. Minimal incubation time of 1 hour at room temperature.

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.

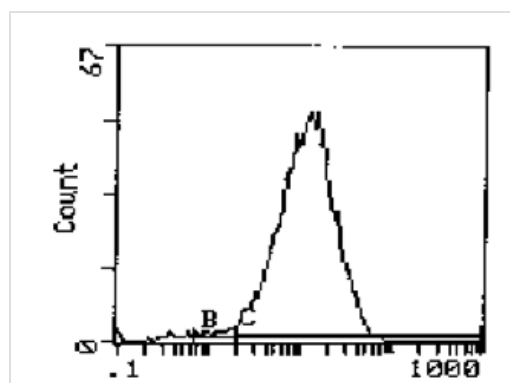
序列相似性 Contains 1 Link domain.

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



Cell Source: Spleen

Percentage of cells stained above control:

96.2% ab112165 at 0.5µg/10⁶ Cells

Flow Cytometry - CD44 antibody [KM81] (FITC)
(ab112165)

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