

Anti-CD44 antibody [1M7.8.1] ab119348

重组

20 References [2 图像](#)

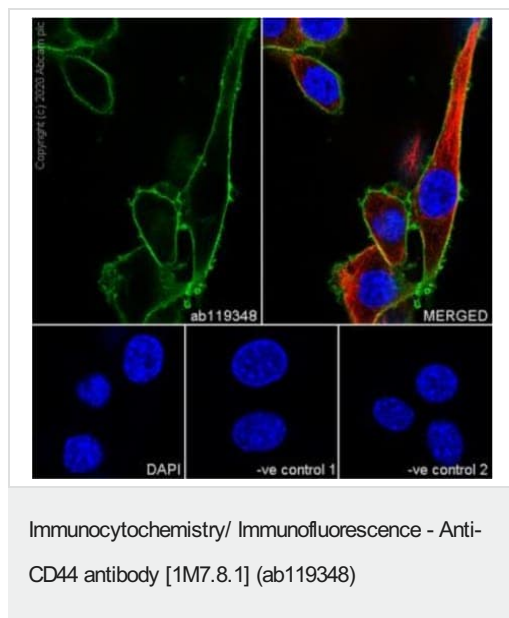
概述

产品名称	Anti-CD44抗体[1M7.8.1]
描述	大鼠单克隆抗体[1M7.8.1] to CD44
宿主	Rat
特异性	Detects a standard 85-kDa isoform of CD44 and a number of high molecular mass variant isoforms.
经测试应用	适用于: ICC/IF 不适用于: Flow Cyt, IHC-P or WB
种属反应性	与反应: Mouse, Human
免疫原	Full length protein corresponding to Mouse CD44. Database link: <u>P15379</u>
阳性对照	ICC/IF: HeLa and NIH/3T3 cells.
常规说明	This product has switched from a hybridoma to recombinant production method on 02 nd November 2020 This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information <u>see here</u> .

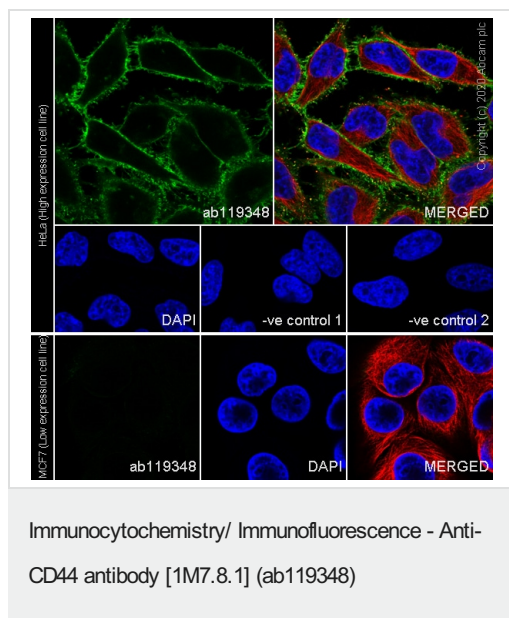
性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	1M7.8.1

同种型	IgG2b							
应用	<p>The Abpromise guarantee Abpromise™承诺保证使用ab119348于以下的经测试应用</p> <p>“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。</p> <table> <tr> <th>应用</th><th>Ab评论</th><th>说明</th></tr> <tr> <td>ICC/IF</td><td></td><td>1/250.</td></tr> </table>		应用	Ab评论	说明	ICC/IF		1/250.
应用	Ab评论	说明						
ICC/IF		1/250.						
应用说明	Is unsuitable for Flow Cyt, IHC-P or WB.							
靶标								
功能	<p>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.</p>							
组织特异性	<p>Isoform 10 (epithelial isoform) is expressed by cells of epithelium and highly expressed by carcinomas. Expression is repressed in neuroblastoma cells.</p>							
序列相似性	<p>Contains 1 Link domain.</p>							
结构域	<p>The lectin-like LINK domain is responsible for hyaluronan binding.</p>							
翻译后修饰	<p>Proteolytically cleaved in the extracellular matrix by specific proteinases (possibly MMPs) in several cell lines and tumors.</p> <p>N-glycosylated.</p> <p>O-glycosylated; contains more-or-less-sulfated chondroitin sulfate glycans, whose number may affect the accessibility of specific proteinases to their cleavage site(s).</p> <p>Phosphorylated; activation of PKC results in the dephosphorylation of Ser-706 (constitutive phosphorylation site), and the phosphorylation of Ser-672.</p>							
细胞定位	<p>Membrane.</p>							
图片								



NIH/3T3 (Mouse embryo fibroblast cell line) cells were fixed in 4% PFA and permeabilized with 0.1% Triton X-100. Primary antibody, ab119348 at 1/250 was incubated overnight at 4° C, followed by AlexaFluor® 488-conjugated Goat anti-Rat secondary antibody (**ab150157**) at 1/1000 dilution at RT for 45 min. **ab179513** Anti-beta Tubulin, used as a counterstain at 1/200 dilution, was co-incubated with ab119348 overnight at 4° C, followed by Alexa Fluor® 594 Goat Anti-Rabbit secondary (**ab150080**) at 1/1000 dilution at RT for 45 min. Nucleus were visualized using DAPI. Confocal image showing strong membranous staining in NIH/3T3 cells.



HeLa (Human epithelial cell line from cervix adenocarcinoma) cells were fixed in 4% PFA and permeabilized with 0.1% Triton X-100. Primary antibody, ab119348 at 1/250 was incubated overnight at 4° C, followed by AlexaFluor® 488-conjugated Goat anti-Rat secondary antibody (**ab150157**) at 1/1000 dilution at RT for 45 min. **ab179513** Anti-beta Tubulin, used as a counterstain at 1/200 dilution, was co-incubated with ab119348 overnight at 4° C, followed by Alexa Fluor® 594 Goat Anti-Rabbit secondary (**ab150080**) at 1/1000 dilution at RT for 45 min. Nucleus were visualized using DAPI.

Confocal image showing strong membranous staining in HeLa cells.

Low expression control: MCF7 (PMID: 23039365).

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