

# Anti-CD44v6 antibody [CD44v6/1246] ab217902

## 2 图像

### 概述

产品名称	Anti-CD44v6抗体[CD44v6/1246]
描述	小鼠单克隆抗体[CD44v6/1246] to CD44v6
宿主	Mouse
经测试应用	适用于: IHC-P
种属反应性	与反应: Human
免疫原	Recombinant fragment within Human CD44v6. The exact sequence is proprietary. Recombinant fragment corresponding to the v6 domain of Human CD44. Database link: <a href="#">P16070</a>
阳性对照	IHC-P: Human cervix carcinoma or tongue squamous cell carcinoma.
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&amp;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: 7.2 Preservative: 0.05% Sodium azide Constituents: 99% PBS, 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	CD44v6/1246
同种型	IgG2a
轻链类型	kappa

## 应用

### The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab217902 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
IHC-P		Use a concentration of 1 - 2 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## 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. In cancer cells, may play an important role in invadopodia formation. 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- and O-glycosylated. O-glycosylation contains more-or-less-sulfated chondroitin sulfate glycans, whose number may affect the accessibility of specific proteinases to their cleavage site(s). It is uncertain if O-glycosylation occurs on Thr-637 or Thr-638.

Phosphorylated; activation of PKC results in the dephosphorylation of Ser-706 (constitutive phosphorylation site), and the phosphorylation of Ser-672.

### 细胞定位

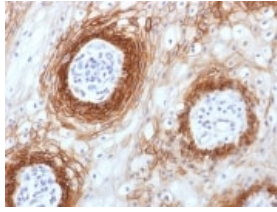
Membrane. Colocalizes with actin in membrane protrusions at wounding edges.

## 图片



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human cervical carcinoma labeling CD44v6 with ab217902 at 0.5 µg/mL for 30 minutes at RT.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD44v6 antibody [CD44v6/1246] (ab217902)



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human tongue carcinoma labeling CD44v6 with ab217902 at 0.5 µg/mL for 30 minutes at RT.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD44v6 antibody [CD44v6/1246] (ab217902)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- 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.

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