

Product datasheet

Anti-CD146 antibody [c264] (Phycoerythrin) ab25435

1 图像

概述

产品名称	Anti-CD146抗体[c264] (Phycoerythrin)
描述	小鼠单克隆抗体[c264] to CD146 (Phycoerythrin)
宿主	Mouse
偶联物	Phycoerythrin. Ex: 488nm, Em: 575nm
特异性	ab25435 recognise Chicken MCAM, Mr 98 kDa (protein core ~84 kDa).
经测试应用	适用于: Flow Cyt, IP, IHC-Fr
种属反应性	与反应: Chicken
免疫原	Pooled Ed15 and Ed16 thymocytes from H.B15, H.B19 and H.B21 chicken embryos

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.09% Sodium Azide Constituents: 16% Sucrose, PBS; Stabilizing agent
纯度	IgG fraction
克隆	单克隆
克隆编号	c264
同种型	IgG2b
轻链类型	kappa

应用

Our [Abpromise guarantee](#) covers the use of **ab25435** 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 0.2µg for 10 <sup>6</sup> cells.

应用	Ab评论	说明
IP		Use at an assay dependent dilution.
IHC-Fr		Use at an assay dependent dilution.

## 靶标

### 功能

Plays a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular junctions in vascular tissue. Its expression may allow melanoma cells to interact with cellular elements of the vascular system, thereby enhancing hematogeneous tumor spread. Could be an adhesion molecule active in neural crest cells during embryonic development. Acts as surface receptor that triggers tyrosine phosphorylation of FYN and PTK2, and a transient increase in the intracellular calcium concentration.

### 组织特异性

Detected in endothelial cells in vascular tissue throughout the body. May appear at the surface of neural crest cells during their embryonic migration. Appears to be limited to vascular smooth muscle in normal adult tissues. Associated with tumor progression and the development of metastasis in human malignant melanoma. Expressed most strongly on metastatic lesions and advanced primary tumors and is only rarely detected in benign melanocytic nevi and thin primary melanomas with a low probability of metastasis.

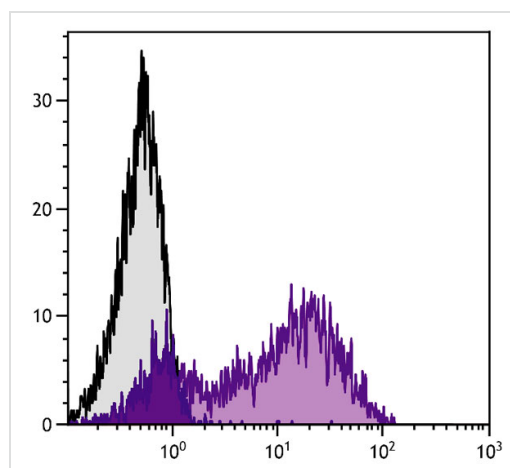
### 序列相似性

Contains 3 Ig-like C2-type (immunoglobulin-like) domains.  
Contains 2 Ig-like V-type (immunoglobulin-like) domains.

### 细胞定位

Membrane.

## 图片



Flow cytometry analysis staining CD146 in chicken thymocytes using ab25435 at a dilution of 0.1 ug/10<sup>6</sup> cells. Mouse anti-chicken MCAM-PE was used as an isotype control.

Flow Cytometry - Anti-CD146 antibody [c264]  
(Phycoerythrin) (ab25435)

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