

# Anti-Vitronectin/S-Protein antibody [A18] ab23444

## 1 References

### 概述

产品名称	Anti-Vitronectin/S-Protein抗体[A18]
描述	小鼠单克隆抗体[A18] to Vitronectin/S-Protein
宿主	Mouse
特异性	ab23444 is highly specific for Vitronectin/S-Protein. There is no evidence for cross reactivity with other connective tissue proteins (Fibronectin, Elastin, Collagen, Laminin).
经测试应用	适用于: ELISA, IHC-P, Inhibition Assay, IHC-Fr 不适用于: WB
种属反应性	与反应: Rabbit, Horse, Cow 不与反应: Sheep, Human
免疫原	Tissue, cells or virus corresponding to Cow Vitronectin/S-Protein. Lysed bovine corneal endothelial cells and extracellular matrix
常规说明	ab23444 can be used to probe vitronectin conformation.  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.  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

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.40 Preservative: 0.097% Sodium azide Constituents: 0.0268% PBS, 2.9% Sodium chloride
纯度	Protein A purified
克隆	单克隆
克隆编号	A18

骨髓瘤	Sp2/0
同种型	IgG1
轻链类型	kappa

## 应用

**The Abpromise guarantee**      **Abpromise™承诺保证使用ab23444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
ELISA		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
Inhibition Assay		Use at an assay dependent concentration. ab23444 inhibits integrin mediated cell adhesion to bovine vitronectin.
IHC-Fr		Use at an assay dependent concentration. 1/500 for PLP fixed samples.

应用说明 Is unsuitable for WB.

## 靶标

功能	<p>Vitronectin is a cell adhesion and spreading factor found in serum and tissues. Vitronectin interact with glycosaminoglycans and proteoglycans. Is recognized by certain members of the integrin family and serves as a cell-to-substrate adhesion molecule. Inhibitor of the membrane-damaging effect of the terminal cytolytic complement pathway.</p> <p>Somatomedin-B is a growth hormone-dependent serum factor with protease-inhibiting activity.</p>
组织特异性	Plasma.
序列相似性	<p>Contains 4 hemopexin repeats.</p> <p>Contains 1 SMB (somatomedin-B) domain.</p>
结构域	The SMB domain mediates interaction with SERPINE1/PAI1. The heparin-binding domain mediates interaction with insulin.
翻译后修饰	<p>Sulfated on 2 tyrosine residues.</p> <p>N- and O-glycosylated.</p> <p>Phosphorylation on Thr-69 and Thr-76 favors cell adhesion and spreading.</p> <p>It has been suggested that the active SMB domain may be permitted considerable disulfide bond heterogeneity or variability, thus two alternate disulfide patterns based on 3D structures are described with 1 disulfide bond conserved in both.</p> <p>Phosphorylation sites are present in the extracellular medium.</p>
细胞定位	Secreted, extracellular space.

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

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