

**Anti-Vitronectin (bovine, horse, rabbit)**

**Mouse monoclonal antibody**

Subclass: IgG1/k

CAT. NO.

**CSI 004-18**

Clone: A18

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SPECIFICITY	CSI 004-18 is highly specific for vitronectin. There is no evidence for cross-reactivity with other connective tissue proteins (fibronectin, elastin, collagen, laminin). The antibody inhibits integrin-mediated cell adhesion to bovine vitronectin. It can be used to probe vitronectin conformation.
IMMUNOGEN	Lysed bovine corneal endothelial cells and extracellular matrix
TESTED APPLICATIONS	ELISA, WB (not applicable), IHC-F, IHC-P
SPECIES REACTIVITY (POSITIVE)	Bovine, horse, rabbit
SPECIES REACTIVITY (NEGATIVE)	Human, sheep
EPITOPE SPECIFICITY	Not determined

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**PRESENTATION**

Content:	Available in 400 µL and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.
Preparation:	Protein-A purified
Form:	Liquid
Solvent:	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide
Storage:	4-8°C without exposure to light. No precautions necessary during handling.

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APPLICATION	<b>ELISA:</b> CSI 004-18 reacts weakly in ELISA with vitronectin coated directly onto the microtiter plate. <b>IHC:</b> CSI 004-18 is suitable in ELISA and immunostaining of frozen PLP-fixed sections of bovine tissues.
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TARGET	Vitronectin is a plasma glycoprotein that circulates in the blood. Vitronectin is circulating as a mixture of both 75 kDa and 65 kDa forms. Vitronectin is a major cell adhesive glycoprotein and is a common component of extracellular matrix and plasma. It competes effectively with other plasma proteins and is often involved in cell attachment, regulation of blood coagulation and immune responses. It has similar tissue distribution to fibronectin and also its integrin receptor recognizes fibronectin.
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**REFERENCES**

**CONDITIONS**

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