
Vitronectin (A18) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250266

Unit: 0.2 mg

Description:

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 recognises fibronectin. This antibody is highly specific for vitronectin. There is no evidence for cross-reactivity with other connective tissue proteins (fibronectin, elastin, collagen, laminin). This antibody reacts with rabbit and horse vitronectin, but does not with human or sheep.

Isotype: Mouse IgG1/k

Applications: E, IHC

Species Reactivity: B, Rb, Hs

Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: Serum-spreading factor; S-protein; V75

Accession No.: P04004

Antigen: Lysed bovine corneal endothelial cells and extracellular matrix

Application Notes: Product Cat. No. 250266 is suitable in ELISA and immunostaining of frozen PLP-fixed sections of bovine tissues. The antibody inhibits integrin-mediated cell adhesion to bovine vitronectin. It can be used to probe vitronectin conformation. Product Cat. No. 250266 reacts weakly in ELISA with vitronectin coated directly onto the microtiter plate. E: 1:16,000; IHC: 1:100

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.