
Vitronectin (HV2) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250262

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 is human-specific (no reactivity with cat, dog, cow, sheep, goat, pig, rabbit, horse).

Isotype: Mouse IgG1

Applications: E, WB

Species Reactivity: H

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: Human vitronectin purified from plasma by heparin-affinity chromatography

Application Notes: Product Cat. No. 250262 can be used to purify vitronectin from human plasma by affinity chromatography. It can also be used to quantitatively affinity-deplete human plasma or serum of vitronectin. It partially denatures vitronectin upon antibody binding. It binds equally well to native and denatured vitronectin and can be used to quantitate vitronectin in human plasma in a sandwich ELISA with Product Cat. No. 250263. It does not interfere with the binding of any known vitronectin ligands. Product Cat. No. 250262 also binds to vitronectin in ELISA when vitronectin is coated directly onto the microtiter well. E: 1:32,000; WB:

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.