

## Vitronectin monoclonal antibody

Catalog: MB66788

Host: Mouse

Reactivity: Human

### BackGround:

Fibronectin and Vitronectin are extracellular matrix glycoproteins that are present on most cell surfaces, in extracellular fluids, and in plasma. Both Fibronectin and Vitronectin have been shown to be involved in various functions including cell adhesion, cell motility and wound healing. Vitronectin contains an RGD (Arg-Gly-Asp acid) sequence that is present in many cell adhesion ligands. The RGD sequence has been shown to be essential for cell adhesion. Increased expression of Vitronectin, integrins and plasminogen activators has been observed in migrating cells during wound healing. Vitronectin has been shown to enhance smooth cell migration, and PAI-1 has been shown to bind to Vitronectin with high affinity, resulting in the blocking of smooth cell migration. Glycosaminoglycans, proteins involved in the anchoring of Vitronectin to the extracellular matrix, have been shown to stimulate the cleavage of Vitronectin by plasmin. This cleavage reduces the affinity of Vitronectin for PAI-1.

### Product:

Mouse IgM. Supplied in crude ascites with 0.01% sodium azide.

### Molecular Weight:

~ 65 kDa

### Swiss-Prot:

P04004

### Purification&Purity:

### Applications:

WB (1/500 - 1/1000)

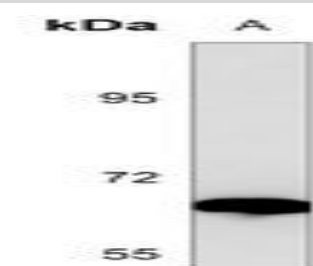
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Recognizes endogenous levels of Vitronectin protein.

### DATA:



Western blot analysis of Vitronectin expression in T47D (A) whole cell lysates.

### Note:

For research use only, not for use in diagnostic procedure.

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