bsm-52460R **[Primary Antibody]**

Vitronectin Recombinant Rabbit mAb

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DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 7A1
GeneID: 7448
SWISS: P04004
Target: Vitronectin
Purification: affinity purified by Protein A
Concentration: 1mg/ml
Storage: 1*TBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.02% Proclin300.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Vitronectin (also known as serum spreading factor, S protein of complement or epibolin) is one of the major multifunctional cell adhesive glycoproteins in mammalian plasma and serum. It is a monomeric acidic glycoprotein detected as a mixture of 75 kD and 65 kD polypeptides. Vitronectin binds to heparin, collagen, streptococci and variety of cultured cells. It also acts as an inhibitor of the complement cascade by binding to the C5b9 complex. Vitronectin promotes cell adhesion and spreading by binding through its cell attachment tripeptide Arg-Gly-Asp (RG-D), activity which is mediated by several different integrin receptors. Apart from the significance for identifying the molecule in the above situations, it also plays an important role in events such as embryonal development, deposition of vitronectin in a number of fibrotic disease states, carcinomas and metastases.

Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:400-800)
IF (1:50-200)

Reactivity: (predicted: Human, Mouse, Rat)

Predicted MW.: 52 kDa

Subcellular Location: Secreted ,Extracellular matrix

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.