

RecomAb™

# VTN recombinant monoclonal antibody, clone R06-2E1

Catalog # RAB01831      Size 100 uL

## Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human VTN.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human VTN.
Theoretical MW (kDa)	Calculated MW: 54 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot
- Immunohistochemistry

- Immunofluorescence

## Gene Info — VTN

Entrez GeneID	<a href="#">7448</a>
Protein Accession#	<a href="#">P04004</a>
Gene Name	VTN
Gene Alias	V75, VN, VNT
Gene Description	vitronectin
Omim ID	<a href="#">193190</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is a member of the pexin family. It is found in serum and tissues and promotes cell adhesion and spreading, inhibits the membrane-damaging effect of the terminal cytolytic complement pathway, and binds to several serpin serine protease inhibitors. It is a secreted protein and exists in either a single chain form or a clipped, two chain form held together by a disulfide bond. [provided by RefSeq]
Other Designations	complement S-protein epibolin serum spreading factor somatomedin B vitronectin (serum spreading factor, somatomedin B, complement S-protein)

## Pathway

- [ECM-receptor interaction](#)
- [Focal adhesion](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Macular Degeneration](#)
- [Thyroid Neoplasms](#)