VTN monoclonal antibody, clone VN58-1

Catalog # MAB8360 Size 200 ug

Specification

Product Description	Mouse monoclonal antibody raised against VTN.
Immunogen	Human VTN.
Host	Mouse
Reactivity	Human
Specificity	This antibody specifically reacts with an epitope in the region of amino acids 1-130 of human vitronectin. It does not react with bovine vitronectin, and this antibody does not interfere with vitronectin-mediated adhesion.
Form	Lyophilized
Isotype	IgG1
Recommend Usage	ELISA (1:3000) Western Blot (5-10 ug/mL) Immunohistochemistry (Frozen sections) (5-10 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5-10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 10 mM PBS, pH 7.4 (1% BSA, 0.09% sodium azide)
Storage Instruction	Store at 4°C on dry atmosphere, lyophilized antibodies are stable at least 2 year. After reconstitution with deionized water, store at -20°C or lower. 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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunohistochemistry (Frozen sections)

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- Enzyme-linked Immunoabsorbent Assay
- Western Blot

Gene Info — VTN

Entrez GeneID	7448
Gene Name	VTN
Gene Alias	V75, VN, VNT
Gene Description	vitronectin
Omim ID	193190
Gene Ontology	Hyperlink
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 termin al cytolytic complement pathway, and binds to several serpin serine protease inhibitors. It is a sec reted 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 spreadi ng factor, somatomedin B, complement S-protein)

Pathway

- ECM-receptor interaction
- Focal adhesion

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease

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- Macular Degeneration
- Thyroid Neoplasms

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