

VTN monoclonal antibody, clone BV1

Catalog # MAB5205

Size

Specification

Product Description	Mouse monoclonal antibody raised against native VTN.
Immunogen	Native purified VTN from human peripheral lymphocytes.
Host	Mouse
Reactivity	Human
Specificity	RIV12, selected by ELISA, cytotoxicity tests and FACS analysis appeared to be an /CD1 reacting with a 49 KDa molecule on human thymocytes. Splenocytes of the mouse were fused with mouse myeloma cells of the 653 cell line.
Form	Liquid
Isotype	IgG
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunofluorescence
- Immunoprecipitation
- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

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 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](#)