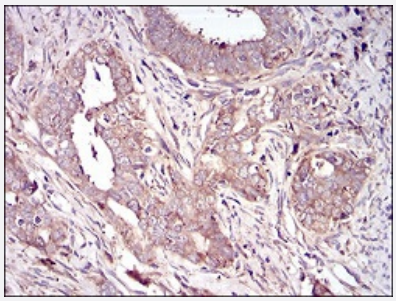
# VTN monoclonal antibody, clone 1G11E8

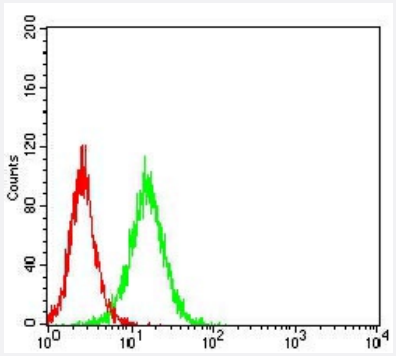
Catalog # MAB16618 Size 100 ug

## Applications



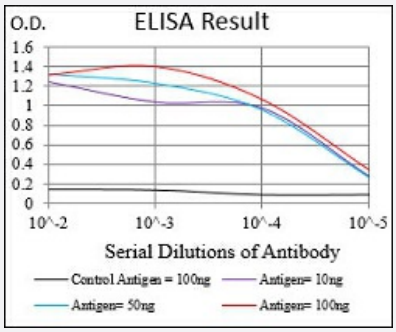
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded cervical cancer tissues with VTN monoclonal antibody.




### Flow Cytometry

Flow cytometric analysis of Hela cells with VTN monoclonal antibody (green) and negative control (red).




### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of VTN monoclonal antibody, clone 1G11E8.

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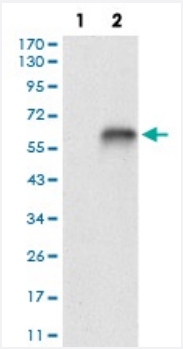


## Western Blot (Transfected lysate)

Western blot analysis of Lane 1: HEK293 cell; Lane 2: VTN-hIgGFc transfected HEK293 cell with VTN monoclonal antibody.

## Specification

| | |
|---|---|
| **Product Description** | Mouse monoclonal antibody raised against recombinant human VTN. |
| **Immunogen** | Recombinant protein corresponding to amino acid 20-199 of human VTN from *E. coli*. |
| **Host** | Mouse |
| **Theoretical MW (kDa)** | 54.3 |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Isotype** | IgG2b |
| **Recommend Usage** | ELISA (1:10000)<br>Western Blot (1:500-1:2000)<br>Immunohistochemistry (1:200-1:1000)<br>Flow Cytometry (1:200-1:400)<br>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. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

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

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## 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

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- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Macular Degeneration
- Thyroid Neoplasms

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