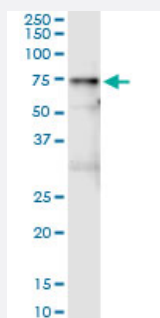


# VNN1 monoclonal antibody (M05), clone 2B10

Catalog # H00008876-M05

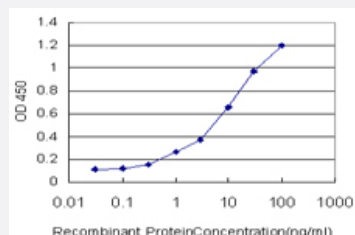
Size 100 ug

## Applications



### Immunoprecipitation

Immunoprecipitation of VNN1 transfected lysate using anti-VNN1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with VNN1 MaxPab rabbit polyclonal antibody.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged VNN1 is approximately 0.1ng/ml as a capture antibody.

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant VNN1.

### Immunogen

VNN1 (NP\_004657, 298 a.a. ~ 397 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

### Sequence

KLILLSQLDSHPSHSAVVNWTSYASSIEALSSGNKEFKGTVFFDEFTFVKLTGVAGNYTVCQKDLCHLSYKMSENIPNEVYALGAFDGLHTVEGRYYLQI

### Host

Mouse

### Reactivity

Human

**Interspecies Antigen Sequence**

Mouse (75); Rat (78)

**Isotype**

IgG2a Kappa

**Quality Control Testing**

Antibody Reactive Against Recombinant Protein.

**Storage Buffer**

In 1x PBS, pH 7.4

**Storage Instruction**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Immunoprecipitation

Immunoprecipitation of VNN1 transfected lysate using anti-VNN1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with VNN1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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[Protocol Download](#)

- ELISA

## Gene Info — VNN1

**Entrez GeneID**[8876](#)**GeneBank Accession#**[NM\\_004666](#)**Protein Accession#**[NP\\_004657](#)**Gene Name**

VNN1

**Gene Alias**

HDLCQ8, MGC116930, MGC116931, MGC116932, MGC116933, Tiff66

**Gene Description**

vanin 1

**Omim ID**[603570](#)**Gene Ontology**[Hyperlink](#)

**Gene Summary**

This gene encodes a member of the vanin family of proteins, which share extensive sequence similarity with each other, and also with biotinidase. The family includes secreted and membrane-associated proteins, a few of which have been reported to participate in hematopoietic cell trafficking. No biotinidase activity has been demonstrated for any of the vanin proteins, however, they possess pantetheinase activity, which may play a role in oxidative-stress response. This protein, like its mouse homolog, is likely a GPI-anchored cell surface molecule. The mouse protein is expressed by the perivascular thymic stromal cells and regulates migration of T-cell progenitors to the thymus. This gene lies in close proximity to, and in the same transcriptional orientation as, two other vanin genes on chromosome 6q23-q24. [provided by RefSeq]

**Other Designations**

OTTHUMP00000017227|Vannin 1|pantetheinase

**Pathway**

- [Pantothenate and CoA biosynthesis](#)

**Disease**

- [Hypertension](#)