

VNN1 Antibody (clone 4E11)
Mouse Monoclonal Antibody
Catalog # ALS17214**Specification**

VNN1 Antibody (clone 4E11) - Product Information

Application	IHC-P, E
Primary Accession	O95497
Other Accession	8876
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Calculated MW	57012

VNN1 Antibody (clone 4E11) - Additional Information**Gene ID** 8876**Other Names**

VNN1, HDLCQ8, Pantetheinase, Pantetheine hydrolase, Vanin-1, Tiff66, Vanin 1, Vannin 1

Target/Specificity

Human VNN1

Reconstitution & Storage

PBS, pH 7.4. Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

VNN1 Antibody (clone 4E11) is for research use only and not for use in diagnostic or therapeutic procedures.

VNN1 Antibody (clone 4E11) - Protein Information**Name** VNN1**Function**

Amidohydrolase that hydrolyzes specifically one of the carboamide linkages in D-pantetheine thus recycling pantothenic acid (vitamin B5) and releasing cysteamine.

Cellular Location

Cell membrane; Lipid-anchor, GPI-anchor

Tissue Location

Widely expressed with higher expression in spleen, kidney and blood. Overexpressed in lesional psoriatic skin

Volume

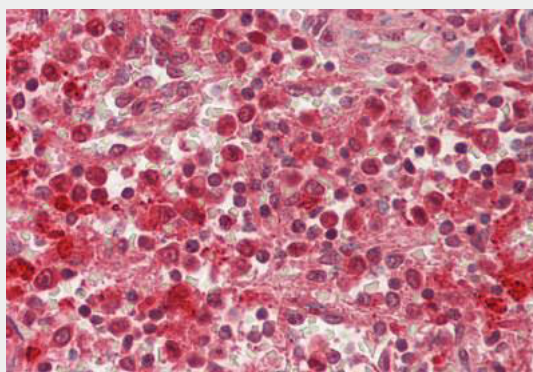
50 µl

VNN1 Antibody (clone 4E11) - Protocols

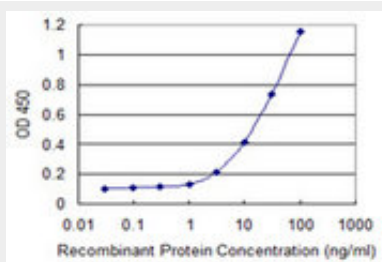
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

VNN1 Antibody (clone 4E11) - Images



Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)



Detection limit for recombinant GST tagged VNN1 is 1 ng/ml as a capture antibody.

VNN1 Antibody (clone 4E11) - Background

Amidohydrolase that hydrolyzes specifically one of the carboamide linkages in D-pantetheine thus recycling pantothenic acid (vitamin B5) and releasing cysteamine.

VNN1 Antibody (clone 4E11) - References

- Galland F., et al. Genomics 53:203-213(1998).
Prehn S., et al. Submitted (OCT-1995) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mungall A.J., et al. Nature 425:805-811(2003).
Maras B., et al. FEBS Lett. 461:149-152(1999).