VNN2 Monoclonal Antibody

Catalog No	YP-mAb-05156
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	VNN2
Protein Name	Vascular non-inflammatory molecule 2 (Vanin-2) (EC 3.5.1.92) (Glycosylphosphatidyl inositol-anchored protein GPI-80) (Protein FOAP-4)
Immunogen	Synthesized peptide derived from human protein . at AA range: 320-400
Specificity	VNN2 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	57kD
Cell Pathway	Cell membrane ; Lipid-anchor, GPI-anchor .
Tissue Specificity	Widely expressed with higher expression in spleen and blood.
Function	function:Probable hydrolase. Involved in the thymus homing of bone marrow cells. May regulate beta-2 integrin-mediated cell adhesion, migration and motility of neutrophil.,similarity:Belongs to the CN hydrolase family. BTD/VNN subfamily.,similarity:Contains 1 CN hydrolase domain.,tissue specificity:Expressed in spleen, thymus, peripheral blood lymphocytes and kidney.,
Background	This gene product is a member of the Vanin family of proteins that 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. The encoded protein is a GPI-anchored cell surface molecule that plays a role in transendothelial migration of neutrophils. This gene lies in close proximity to, and in same transcriptional orientation as two other vanin genes on chromosome

	6q23-q24. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, May 2011],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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