氢离子电压门控通道蛋白 1 抗体

产品货号： mlR18109

英文名称： HVCN1

中文名称： 氢离子电压门控通道蛋白 1 抗体

别　　名： HV 1; HV1; HVCN 1; HVCN1; HVCN1_HUMAN; Hydrogen voltage gated channel 1; Hydrogen voltage-gated channel 1; Voltage gated hydrogen channel 1; Voltage sensor domain only protein; Voltage sensor domain-only protein; Voltage-gated hydrogen channel 1; VSOP.

研究领域： 肿瘤　细胞生物　免疫学　信号转导　淋巴细胞　b-淋巴细胞

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分 子 量： 32kDa

细胞定位： 细胞膜

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human HVCN1:201-273/273

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： This gene encodes a voltage-gated protein channel protein expressed more highly in certain cells of the immune system. Phagocytic cells produce superoxide anions which require this channel protein, and in B cells this same process facilitates antibody production. This same channel protein, however, can also regulate functions in other cells including spermatozoa. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]

Function:

Mediates the voltage-dependent proton permeability of excitable membranes. Forms a proton-selective channel through which protons may pass in accordance with their electrochemical gradient. Proton efflux, accompanied by membrane depolarization, facilitates acute production of reactive oxygen species in phagocytosis.

Subcellular Location:

Membrane.

Tissue Specificity:

Enriched in immune tissues, such as lymph nodes, B-lymphocytes, monocytes and spleen.

Similarity:

Belongs to the hydrogen channel family.

SWISS:

Q96D96

Gene ID:

84329

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.