

À des fins de recherche uniquement

# Anticorps Monoclonal anti-HVCN1

Numéro de catalogue: CL594-66449



## Informations de base

Numéro de catalogue: CL594-66449	Numéro d'acquisition GenBank: BC032672	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 84329	CloneNo.: 1E4C4
Hôte: Mouse	Nom complet: hydrogen voltage-gated channel 1	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé 273 aa, 32 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG5350	MW observés: 28-35 kDa, 40 kDa, 60 kDa	

## Applications

Applications testées:

IF

Spécificité de l'espèce:

Humain

Contrôles positifs:

IF : tissu d'amygdalite humain,

## Informations générales

HVCN1, also named as VSOP and HV1, Belongs to the hydrogen channel family. HVCN1 mediates the voltage-dependent proton permeability of excitable membranes. It forms a proton-selective channel through which protons may pass in accordance with their electrochemical gradient. Proton efflux, HVCN1 is accompanied by membrane depolarization, facilitates acute production of reactive oxygen species in phagocytosis. HVCN1, the voltage-sensitive proton channel, is present in human sperm and is an important regulator of the functional maturation of sperm. HVCN1 has four isoforms with MW 28-32 kDa or 40 kDa (modification). It has a dimer form with MW 60 kDa.

## Stockage

Stockage:

Stocker à -20 °C. Éviter toute exposition à la lumière.

Tampon de stockage:

PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

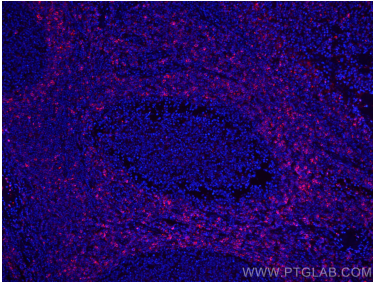
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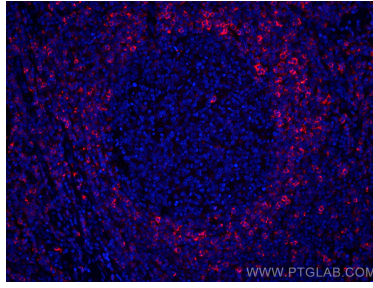
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W: [ptglab.com](http://ptglab.com)

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## Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite®594 HVCN1 antibody (CL594-66449, Clone: 1E4C4) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite®594 HVCN1 antibody (CL594-66449, Clone: 1E4C4) at dilution of 1:200.