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Datasheet for ABIN883377

anti-AQP9 antibody (AA 201-295) (Alexa Fluor 647)

1 Image

Overview

Quantity:	100 µL
Target:	AQP9
Binding Specificity:	AA 201-295
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AQP9 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human AQP9
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	AQP9
Alternative Name:	Aqp9 (AQP9 Products)
Background:	Synonyms: SSC1, AQP-9, HsT17287, Aquaporin-9, Aquaglyceroporin-9, Small solute channel 1,

Target Details

AQP9

Background: Forms a channel with a broad specificity. Mediates passage of a wide variety of non-charged solutes including carbamides, polyols, purines, and pyrimidines in a phloretin- and mercury-sensitive manner, whereas amino acids, cyclic sugars, Na(+), K(+), Cl(-), and deprotonated monocarboxylates are excluded. Also permeable to urea and glycerol.

Gene ID: 366

UniProt: [O43315](#)

Application Details

Application Notes: FCM 1:20-100
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

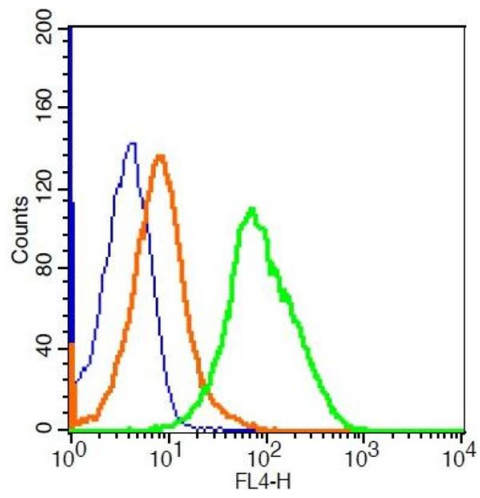
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months



Flow Cytometry

Image 1. A549 probed with AQP9 Polyclonal Antibody, ALEXA FLUOR® 647 Conjugated (bs-2060R-A647) at 1:100 for 30 minutes compared to control cells (blue) and isotype control (orange).