Datasheet for ABIN677133

anti-AQP9 antibody (AA 201-295) (PE)

1 Publication

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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 PE
Application:	Western Blotting (WB), Flow Cytometry (FACS)

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.
Molecular Weight:	32kDa
Gene ID:	366
UniProt:	O43315

Application Details

Application Notes:	FCM 1:20-100
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

Publications

Product cited in:	Chau, Ng, Chan, Cheng, Fong, Tam, Kwong, Tse: "Azacytidine sensitizes acute myeloid leukemia cells to arsenic trioxide by up-regulating the arsenic transporter aquaglyceroporin 9." in: **Journal of hematology & oncology**, Vol. 8, pp. 46, (2015) (PubMed).