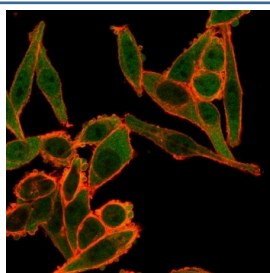


## TSC22D1 Antibody / TSC22 [clone PCRP-TSC22D1-1A2] (V9253)

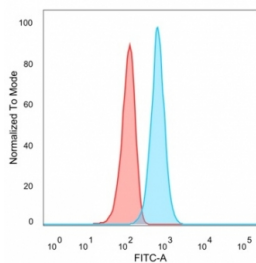
Catalog No.	Formulation	Size
V9253-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9253-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9253SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1
<b>Clone Name</b>	PCRP-TSC22D1-1A2
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	Q15714
<b>Localization</b>	Cytoplasm, Nucleus
<b>Applications</b>	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml Western Blot : 1-2ug/ml
<b>Limitations</b>	This TSC22D1 antibody is available for research use only.

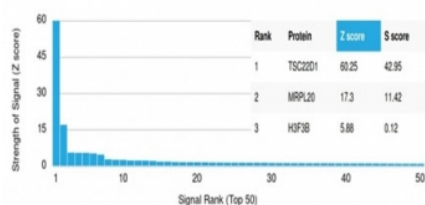


Immunofluorescent staining of PFA-fixed human HeLa cells using TSC22D1 antibody (green, clone PCRP-TSC22D1-1A2) and phalloidin (red).

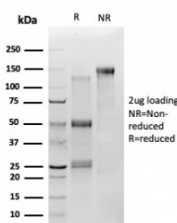


FACS staining of PFA-fixed human HeLa cells with TSC22D1 antibody (blue, clone PCRP-TSC22D1-1A2), and unstained cells (red).

#### Human Protein Microarray Specificity Validation



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using TSC22D1 antibody (clone PCRP-TSC22D1-1A2). These results demonstrate the foremost specificity of the PCRP-TSC22D1-1A2 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD&#39;s) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD&#39;s) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



SDS-PAGE analysis of purified, BSA-free TSC22D1 antibody (PCRP-TSC22D1-1A2) as confirmation of integrity and purity.

## Description

TSC22 domain family protein 1 is a transcriptional repressor which acts on the C-type natriuretic peptide (CNP) promoter. [UniProt]

## Application Notes

Optimal dilution of the TSC22D1 antibody should be determined by the researcher.

## Immunogen

Recombinant full-length human TSC22D1 protein was used as the immunogen for the TSC22D1 antibody.

## Storage

Aliquot the TSC22D1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

