

Mouse anti-Human TSC22D1 Monoclonal Antibody | anti-TSC22D1 antibody

TSC22D1 Mouse Monoclonal Antibody [Clone PCRP-TSC22D1-1A2]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA216024	Mouse	Human	Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

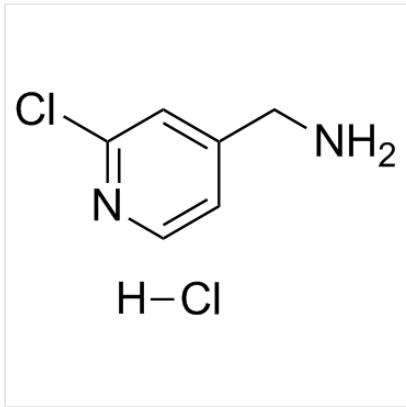
PRODUCT SYNONYMS

TSC22D1; Monoclonal Antibody; TSC22D1 Mouse Monoclonal Antibody [Clone PCRP-TSC22D1-1A2]; Cerebral protein 2; Hucep2; KIAA1994; MGC17597; Regulatory protein TSC22; RP11 269C23. 2; TGFB-stimulated clone 22 homolog; TGFB1I4; TGFbeta stimulated clone 22; Transcriptional regulator TSC 22; Transforming growth factor beta 1 induced transcript 4; Transforming growth factor beta 1 induced transcript 4 protein; anti-TSC22D1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG1
Clone Number	PCRP-TSC22D1-1A2
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-TSC22D1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human TSC22D1 protein
Cellular Localization	Cytoplasm, Nucleus, Localized to nucleoplasm and nuclear bodies
Positive Control	HeLa or HepG2 cells.
Hu-chromosome Location	13q14.11
Unigene	436383
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



FCM/FACS (Flow Cytometry)
Flow Cytometric Analysis of PFA-fixed HeLa cells. TSC22D1 Mouse Monoclonal Antibody (PCRP-TSC22D1-1A2) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

ADDITIONAL INFORMATION

Related Product Information for anti-TSC22D1 antibody	Transforming growth factor beta-stimulated acts as a transcriptional regulator to modulate cell growth and differentiation and cell death. TSC-22 contains a leucine zipper domain as well as a nuclear export signal, resulting in cytoplasmic localization in living cells. However, concomitant with the induction of apoptosis, TSC-22 translocates from the cytoplasm to the nucleus and shows transcriptional regulatory activity. TSC-22 acts as a major downstream component in the TGFbeta pathway and also the PPARgamma signaling pathway. The association of these two pathways with tumor suppression, and the significant downregulation of TSC-22 mRNA in various cancer types, such as brain and salivary gland tumors, imply an antiproliferative role for TSC-22.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	345090986
NCBI GeneID	8848
NCBI Accession #	NP_001230728.1
NCBI GenBank Nucleotide #	NM_001243799.1
UniProt Accession #	Q15714; O00666; Q6AHX5; Q6IBU1; Q8NCN1; Q96JS5; B3KRL7; B9EGIO
Molecular Weight	109,677 Da
NCBI Official Full Name	TSC22 domain family protein 1 isoform 4
NCBI Official Synonym Full Names	TSC22 domain family, member 1
NCBI Official Symbol	TSC22D1
NCBI Official Synonym Symbols	Ptg-2; TSC22; TGFB1I4
NCBI Protein Information	TSC22 domain family protein 1; cerebral protein 2; regulatory protein TSC-22; TGFbeta-stimulated clone 22; TGFB-stimulated clone 22 homolog; transcriptional regulator TSC-22; transforming growth factor beta-stimulated protein TSC-22; transforming growth f
UniProt Protein Name	TSC22 domain family protein 1
UniProt Gene Name	TSC22D1
UniProt Synonym Gene Names	KIAA1994; TGFB1I4; TSC22
UniProt Entry Name	T22D1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tsc22d1-antibody-clone-pcrp-tsc22d1-1a2-western-blot-immunofluorescence-flow-cytometry-elisa/216024>