

ARG64074 anti-CCM2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes CCM2
Tested Reactivity	Hu, Rat
Predict Reactivity	Ms, Cow, Dog
Tested Application	FACS, ICC/IF, WB
Specificity	This antibody is expected to recognize isoform 1 (NP_001025006.1), isoform 2 (NP_113631.1) and isoform 4 (NP_001161407.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CCM2
Species	Human
Immunogen	C-KGEKSRDKKAHEK
Conjugation	Un-conjugated
Alternate Names	PP10187; Cerebral cavernous malformations 2 protein; Malcavernin; OSM; C7orf22

Application Instructions

Application table	Application	Dilution
	FACS	10 µg/ml
	ICC/IF	10 µg/ml
	WB	0.3 - 2 µg/ml

Application Note
WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

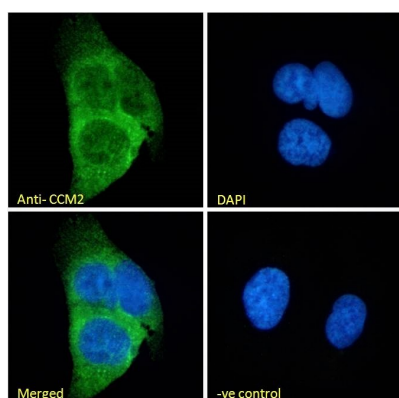
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 83605 Human Swiss-port # Q9BSQ5 Human
Background	This gene encodes a scaffold protein that functions in the stress-activated p38 Mitogen-activated protein kinase (MAPK) signaling cascade. The protein interacts with SMAD specific E3 ubiquitin protein ligase 1 (also known as SMURF1) via a phosphotyrosine binding domain to promote RhoA degradation. The protein is required for normal cytoskeletal structure, cell-cell interactions, and lumen formation in endothelial cells. Mutations in this gene result in cerebral cavernous malformations. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Nov 2009]
Research Area	Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	49 kDa

Images



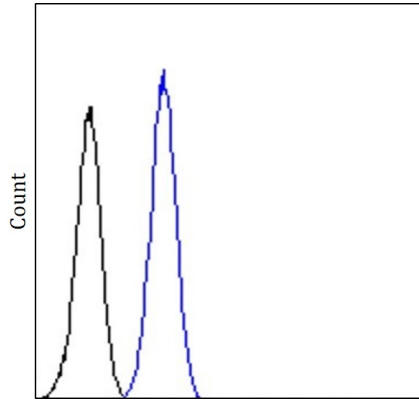
ARG64074 anti-CCM2 antibody IHC-P image

Immunohistochemistry: U2OS stained with ARG64074 anti-CCM2 antibody at 10ug/ml dilution.



ARG64074 anti-CCM2 antibody WB image

Western Blot: Human Heart lysate (35 µg protein in RIPA buffer) stained with ARG64074 anti-CCM2 antibody at 1 µg/ml dilution.



ARG64074 anti-CCM2 antibody FACS image

Flow Cytometry: KNRK stained with ARG64074 anti-CCM2 antibody at 10ug/ml dilution.