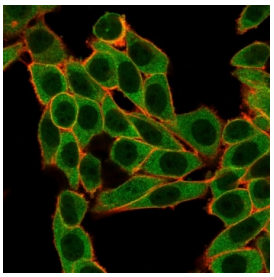
SNW1 Antibody / NCoA-62 / SKIP [clone PCRP-SNW1-1C12] (V4353)

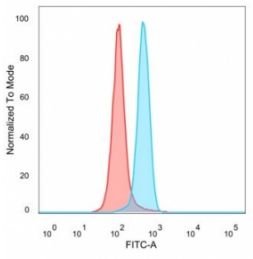
Catalog No.	Formulation	Size
V4353-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4353-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4353SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

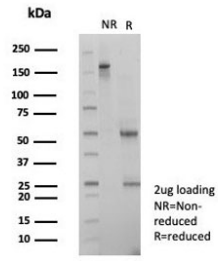
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a
Clone Name	PCRP-SNW1-1C12
Purity	Protein A/G affinity
UniProt	Q13573
Localization	Nucleus, cytoplasm
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 2-4ug/ml
Limitations	This SNW1 antibody is available for research use only.



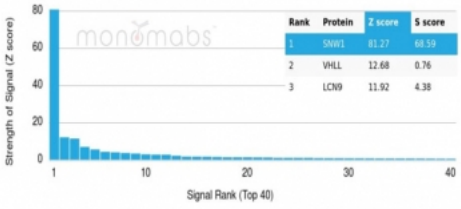
Immunofluorescent staining of PFA-fixed human HeLa cells with SNW1 antibody (clone PCRP-SNW1-1C12) followed by goat anti-mouse IgG-CF488; Membrane stained with phalloidin (red).



Flow cytometry testing of PFA-fixed human HeLa cells with SNW1 antibody (clone PCRP-SNW1-1C12) followed by goat anti-mouse IgG-CF488 (blue), Red = unstained cells.



SDS-PAGE analysis of purified, BSA-free SNW1 antibody (clone PCRP-SNW1-1C12) as confirmation of integrity and purity.



Analysis of a HuProt(TM) microarray containing more than 19,000 full-length human proteins using SNW1 antibody (clone PCRP-SNW1-1C12). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a mAb to its intended target. A mAb is considered to specific to its intended target, if the mAb has an S-score of at least 2.5. For example, if a mAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that mAb to protein X is equal to 29.

Description

Nuclear receptor coactivator NCOA62/SNW1 (also called Nuclear Protein SkiP, SKIIP, Ski-interacting protein) is a member of the SNW gene family, encodes a coactivator that enhances transcription from some Pol II promoters. This coactivator can bind to the ligand-binding domain of the vitamin D receptor and to retinoid receptors to enhance vitamin D-, retinoic acid-, estrogen-, and glucocorticoid-mediated gene expression. It can also interact with poly(A)-binding protein 2 to directly control the expression of muscle-specific genes at the transcriptional level. Finally, the protein may be involved in oncogenesis since it interacts with a region of SKI oncoproteins that is required for transforming activity.

Application Notes

Optimal dilution of the SNW1 antibody should be determined by the researcher.

Immunogen

A recombinant fragment of human SNW1 protein was used as the immunogen for the SNW1 antibody.

Storage

Aliquot the SNW1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.