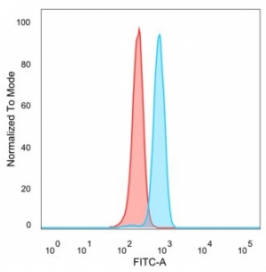
ZNF495 Antibody / ZSCAN5A [clone PCRP-ZSCAN5A-2H4] (V4654)

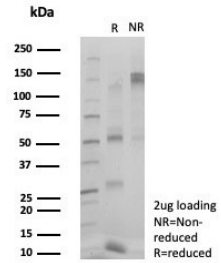
Catalog No.	Formulation	Size
V4654-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4654-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4654SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	PCRP-ZSCAN5A-2H4
Purity	Protein A/G affinity
UniProt	Q9BUG6
Localization	Nucleus
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml
Limitations	This ZNF495 antibody is available for research use only.



Flow cytometry testing of PFA-fixed human HeLa cells with ZNF495 antibody (clone PCRP-ZSCAN5A-2H4) followed by goat anti-mouse IgG-CF488 (blue), Red = unstained cells.



SDS-PAGE analysis of purified, BSA-free ZNF495 antibody (clone PCRP-ZSCAN5A-2H4) as confirmation of integrity and purity.

Analysis of a HuProt(TM) microarray containing more than 19,000 full-length human proteins using ZNF495 antibody (clone PCRP-ZSCAN5A-2H4). 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

Enables sequence-specific double-stranded DNA binding activity. Predicted to be involved in regulation of transcription by RNA polymerase II. Predicted to be located in nucleus. [provided by Alliance of Genome Resources, Apr 2022]

Application Notes

Optimal dilution of the ZNF495 antibody should be determined by the researcher.

Immunogen

A recombinant partial protein sequence (within amino acids 37-124) from the human protein was used as the immunogen for the ZNF495 antibody.

Storage

Aliquot the ZNF495 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.