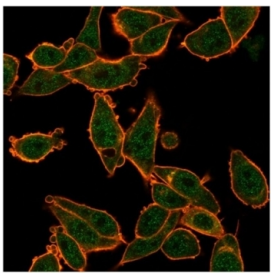
ZNF639 Antibody / ZASC1 [clone PCRP-ZNF639-2B2] (V9414)

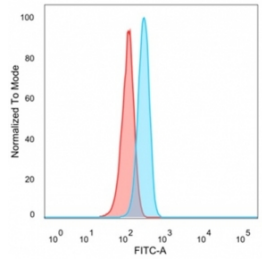
Catalog No.	Formulation	Size
V9414-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9414-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9414SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

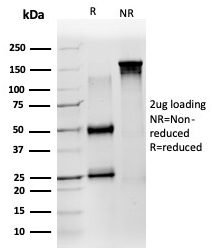
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a
Clone Name	PCRP-ZNF639-2B2
Purity	Protein A/G affinity
UniProt	Q9UID6
Localization	Nucleus
Applications	ELISA (order BSA-free Format For Coating) : Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml Western Blot : 1-2ug/ml
Limitations	This ZNF639 antibody is available for research use only.



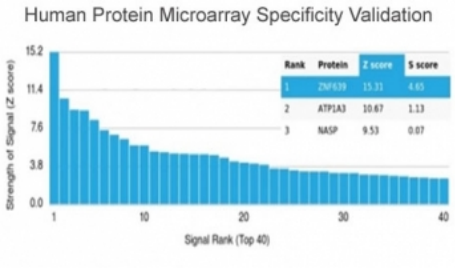
Immunofluorescent staining of PFA-fixed human HeLa cells using ZNF639 antibody (green, clone PCRP-ZNF639-2B2) and phalloidin (red).



FACS staining of PFA-fixed human HeLa cells with ZNF639 antibody (blue, clone PCRP-ZNF639-2B2) and isotype control (red).



SDS-PAGE analysis of purified, BSA-free ZNF639 antibody (clone PCRP-ZNF639-2B2) as confirmation of integrity and purity.



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using ZNF639 antibody (clone PCRP-ZNF639-2B2). These results demonstrate the foremost specificity of the PCRP-ZNF639-2B2 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'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's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.

Description

This gene encodes a member of the Kruppel-like zinc finger family of proteins. Amplification and overexpression of this gene have been observed in esophageal squamous cell carcinoma. The encoded protein has been shown to bind DNA in a sequence-specific manner and may regulate HIV-1 gene expression. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the ZNF639 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 406-485 was used as the immunogen for the ZNF639 antibody.

Storage

Aliquot the ZNF639 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.