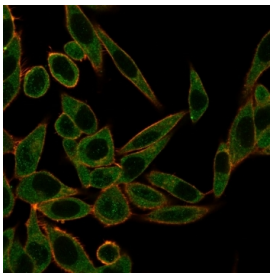
ZNF622 Antibody / ZPR9 [clone PCRP-ZNF622-1C11] (V9254)

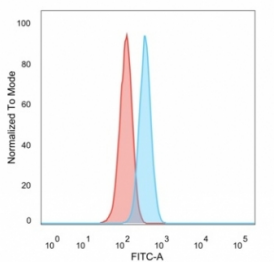
Catalog No.	Formulation	Size
V9254-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9254-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9254SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

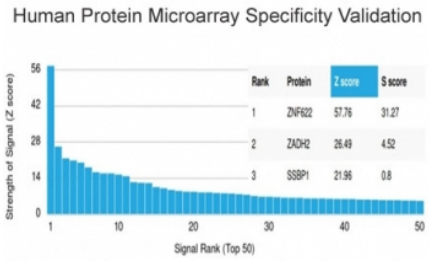
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a
Clone Name	PCRP-ZNF622-1C11
Purity	Protein A/G affinity
UniProt	Q969S3
Localization	Cytoplasm, Nucleus
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml
Limitations	This ZNF622 antibody is available for research use only.



Immunofluorescent staining of PFA-fixed human HeLa cells using ZNF622 antibody (green, clone PCRP-ZNF622-1C11) and phalloidin (red).



FACS staining of PFA-fixed human HeLa cells with ZNF622 antibody (blue, clone PCRP-ZNF622-1C11), and unstained cells (red).



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using ZNF622 antibody (clone PCRP-ZNF622-1C11). These results demonstrate the foremost specificity of the PCRP-ZNF622-1C11 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

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. ZNF622 (zinc-finger protein 622), also known as ZPR9 (zinc-fingerlike protein 9), is a 477 amino acid protein that localizes to both the nucleus and the cytoplasm. Expressed in liver, spleen, lung, kidney and brain, ZNF622 is thought to activate the bound transcription factor B-Myb and, through this activation, may play a role in embryonic development. ZNF622 contains two U1-type zinc fingers and exists as either a homodimer or a heterodimer that can be phosphorylated by MELK (maternal embryonic leucine zipper kinase). Overexpression of ZNF266 may be associated with liver metastases, carcinomatoses and colorectal carcinomas.

Application Notes

Optimal dilution of the ZNF622 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human ZNF622 protein was used as the immunogen for the ZNF622 antibody.

Storage

Aliquot the ZNF622 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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