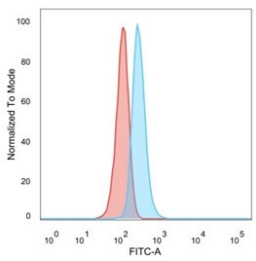
ZNF408 Antibody / PRDM17 [clone PCRP-ZNF408-1E5] (V9249)

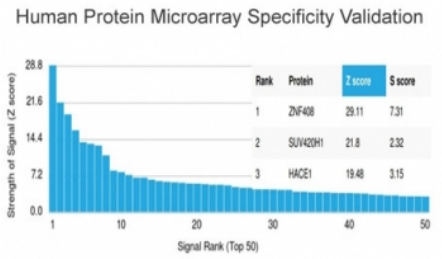
Catalog No.	Formulation	Size
V9249-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9249-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9249SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

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-ZNF408-1E5
Purity	Protein A/G affinity
UniProt	Q9H9D4
Localization	Nucleus
Applications	Flow Cytometry : 1-2ug/million cells Western Blot : 1-2ug/ml
Limitations	This ZNF408 antibody is available for research use only.



FACS staining of PFA-fixed human HeLa cells with ZNF408 antibody (blue, clone PCRP-ZNF408-1E5), and unstained cells (red).



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using ZNF408 antibody (clone PCRP-ZNF408-1E5). These results demonstrate the foremost specificity of the PCRP-ZNF408-1E5 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. The majority of zinc-finger proteins contain a Kr ppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. As a member of the Kr ppel C2H2-type zinc-finger protein family, ZNF396 (zinc finger protein 396), also known as PRDM17 (PR domain zinc finger protein 17), is a 720 amino acid nuclear protein that contains ten C2H2-type zinc fingers. The gene encoding ZNF408 maps to human chromosome 11, which houses over 1,400 genes and comprises nearly 4% of the human genome. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are associated with defects in genes that maps to chromosome 11.

Application Notes

Optimal dilution of the ZNF408 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human ZNF408 protein was used as the immunogen for the ZNF408 antibody.

Storage

Aliquot the ZNF408 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com