

Anti-ZNF408 Antibody [PCRP-ZNF408-1E5] (A250379)

Specifications:

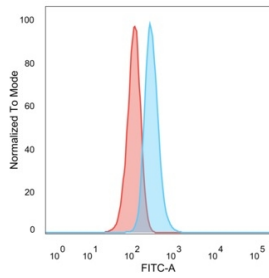
Name:	Anti-ZNF408 Antibody [PCRP-ZNF408-1E5]
Description:	Mouse monoclonal [PCRP-ZNF408-1E5] antibody to ZNF408.
Specificity:	Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Kr ppeI-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 ppeI 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.
Applications:	Flow Cytometry, WB
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, WB: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant full-length human ZNF408 protein.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	PCRP-ZNF408-1E5
Isotype:	IgG2b
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-ZNF408 Antibody [PCRP-ZNF408-1E5] - BSA and Azide free (A253559).

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Specifications continued:

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



Flow cytometric analysis of PFA fixed HeLa cells using Anti-ZNF408 Antibody [PCRP-ZNF408-1E5] followed by Goat Anti-Mouse IgG (CF® 488) (Blue). Unstained cells (red).



Analysis of protein array containing more than 19,000 full-length human proteins using Anti-ZNF408 Antibody [PCRP-ZNF408-1E5]. Z-Score and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ 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™ 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 be 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.