Anti-ZFP64 Antibody [PCRP-ZFP64-1H2] (A249722)

Specifications:

Name:	Anti-ZFP64 Antibody [PCRP-ZFP64-1H2]
Description:	Mouse monoclonal [PCRP-ZFP64-1H2] antibody to ZFP64.
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 ppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. ZFP64 (Zinc finger protein 64), also known as ZNF338, is a 681 amino acid homolog of the mouse Zfp64 protein and is a member of the Kr ppel C2H2-type zinc-finger family. Localized to the nucleus, ZFP64 contains nine C2H2-type zinc fingers and is thought to be involved in transcriptional regulation. Four isoforms of ZFP64 exist due to alternative splicing events.
Applications:	Flow Cytometry, IF, WB, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, WB: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant full-length human ZFP64 protein.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	PCRP-ZFP64-1H2
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-ZFP64 Antibody [PCRP-ZFP64-1H2] - BSA and Azide free (A252902).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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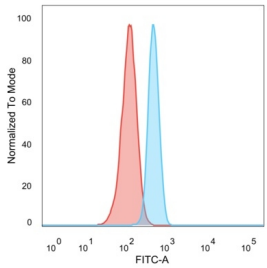
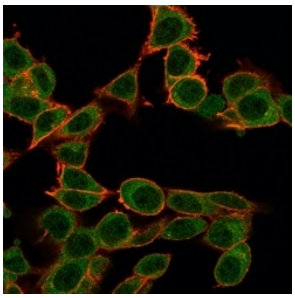
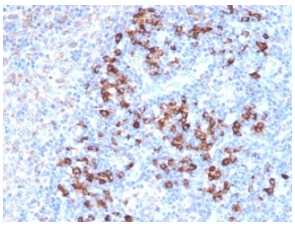
Images:



Flow cytometric analysis of PFA fixed HeLa cells using Anti-ZFP64 Antibody [PCRP-ZFP64-1H2] followed by Goat Anti-Mouse IgG (CF® 488) (Blue). Unstained cells (red).



Immunofluorescent analysis of PFA fixed HeLa cells stained with Anti-ZFP64 Antibody [PCRP-ZFP64-1H2] followed by Goat Anti-Mouse IgG (CF® 488) (Green). Counterstain is Phalloidin-CF® 640A (Red).



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human lymph node using Anti-ZFP64 Antibody [PCRP-ZFP64-1H2].

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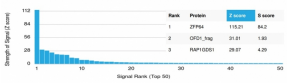
Images continued:



Analysis of protein array containing more than 19,000 full-length human proteins using Anti-ZFP64 Antibody [PCRP-ZFP64-1H2]. 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 HuProtTM 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 HuProtTM 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.