

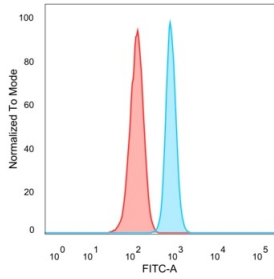
Anti-ZNF81 Antibody [PCRP-ZNF81-2C7] (A277656)

Specifications:

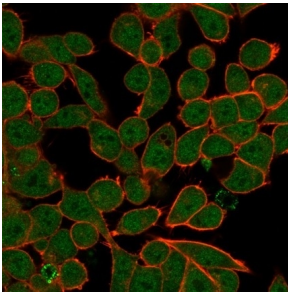
Name:	Anti-ZNF81 Antibody [PCRP-ZNF81-2C7]
Description:	Mouse monoclonal [PCRP-ZNF81-2C7] antibody to ZNF81.
Specificity:	Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a krueppel-type DNA-binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. ZNF81, also known as HFZ20 or MRX45, is a transcriptional regulator belonging to the krueppel C2H2-type zincfinger protein family. It localizes to the nucleus and contains 12 C2H2-type zinc fingers and one KRAB domain. Mutations in the gene encoding ZNF81 are implicated in nonsyndromic X-linked mental retardation (XLMR).
Applications:	ELISA, WB, IP, Flow Cytometry, IF
Recommended Dilutions:	WB: 1-2 µg/ml, IP: 1-2µg / 100-500µg proteins, Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant full-length human ZNF81 protein.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	PCRP-ZNF81-2C7
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-ZNF81 Antibody [PCRP-ZNF81-2C7] - BSA and Azide free (A278244).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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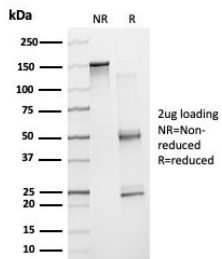
Images:



Flow cytometric analysis of PFA-fixed HeLa cells using Anti-ZNF81 Antibody [PCRP-ZNF81-2C7] followed by Goat Anti-Mouse IgG (CF® 488) (Blue). Isotype Control (Red).



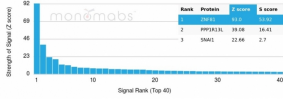
Immunofluorescent analysis of PFA-fixed HeLa cells stained with Anti-ZNF81 Antibody [PCRP-ZNF81-2C7] followed by Goat Anti-Mouse IgG (CF® 488) (Green). CF® 640A Phalloidin (Red).



SDS-PAGE analysis of Anti-ZNF81 Antibody [PCRP-ZNF81-2C7] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.

Anti-ZNF81 Antibody [PCR-P-ZNF81-2C7] (A277656)

Images continued:



Analysis of protein array containing more than 19,000 full-length human proteins using Anti-ZNF81 Antibody [PCR-P-ZNF81-2C7]. 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.