

## ZNF276 (Transcription Factor) Antibody

Mouse Monoclonal Antibody [Clone PCR-P-ZNF276-1A5]

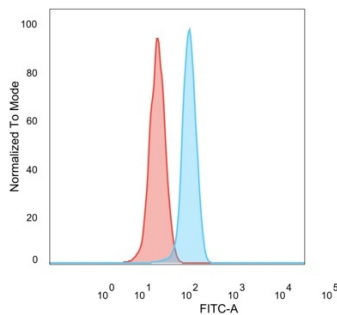
Catalog No	Format	Size
92822-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
92822-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
92822-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

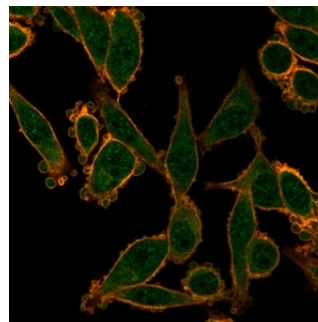
Product Details	
Clone	PCR-P-ZNF276-1A5
Gene Name	ZNF276
Immunogen	Recombinant full-length human ZNF276 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b
Mol. Weight of Antigen	~67kDa
Cellular Localization	Centromere, Chromosome, Kinetochores, Nucleus
Species Reactivity	Human
Positive Control	HeLa or K562 cells.

\*Optimal dilution for a specific application should be determined.

### Product Images for ZNF276 (Transcription Factor) Antibody



Flow cytometric analysis of PFA-fixed HeLa cells. ZNF276 Mouse Monoclonal Antibody (PCR-P-ZNF276-1A5) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).



Immunofluorescence Analysis of PFA-fixed HeLa cells stained using ZNF276 Mouse Monoclonal Antibody (PCR-P-ZNF276-1A5) followed by goat anti-mouse IgG-CF488. Membrane stained with phalloidin.



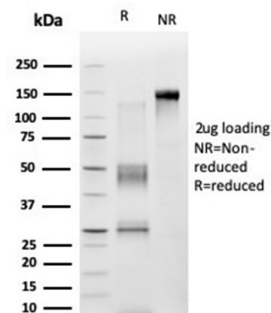
Analysis of Protein Array containing more than 19,000 full-length human proteins using ZNF276 Mouse Monoclonal Antibody (PCRP-ZNF276-1A5). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) 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.

### Specificity & Comments

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. ZNF276 is a 614 amino acid protein containing five C2H2-type zinc fingers and one zinc finger associated (ZAD) domain. Due to a loss of heterozygosity at the chromosomal location of the gene encoding ZNF276 in sporadic breast cancers, the ZNF276 gene has been targeted as a possible breast cancer tumor suppressor. The FANCA gene, which encodes a DNA repair protein, is situated at the same chromosomal location as the ZNF276 gene, suggesting a possible involvement of ZNF276 in the progression of Fanconi anemia, an autosomal recessive disorder which is caused by mutations in the gene encoding FANCA. There are two isoforms of ZNF276 that exist as a result of an alternative splicing event.

### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.



SDS-PAGE Analysis. Purified ZNF276 Mouse Monoclonal Antibody (PCRP-ZNF276-1A5). Confirmation of Purity and Integrity of Antibody.

### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Research Areas

Nuclear Marker