

## ZNF444 (Transcriptional Corepressor) Antibody

Mouse Monoclonal Antibody [Clone PCR-P-ZNF444-1E11]

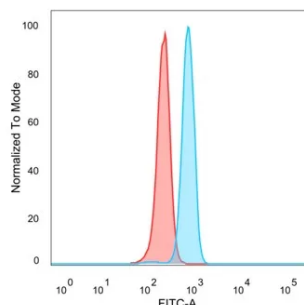
Catalog No	Format	Size
55311-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
55311-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
55311-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

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

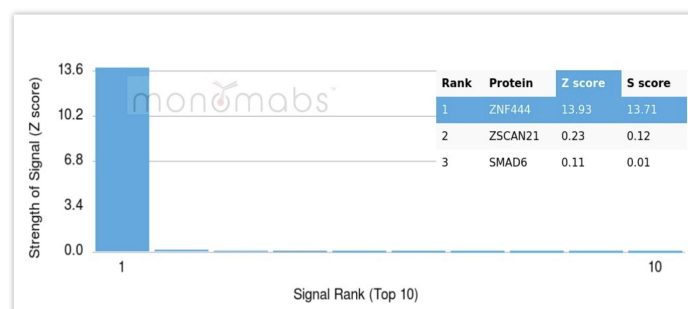
Product Details	
Clone	PCR-P-ZNF444-1E11
Gene Name	ZNF444
Immunogen	Recombinant fragment (around aa25-105) of human ZNF444 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a
Mol. Weight of Antigen	35.2kDa
Cellular Localization	Nucleus.
Species Reactivity	Human
Positive Control	HeLa or U87 cells.

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

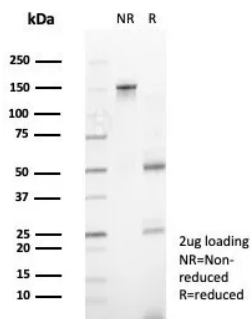
### Product Images for ZNF444 (Transcriptional Corepressor) Antibody



Flow cytometric analysis of PFA-fixed HeLa cells. ZNF444 Mouse Monoclonal Antibody (PCR-P-ZNF444-1E11) followed by goat anti-mouse IgG-CF488 (blue), unstained cells (red).



Analysis of Protein Array containing more than 19,000 full-length human proteins using ZNF444 Mouse Monoclonal Antibody (PCR-P-ZNF444-1E11). 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.



SDS-PAGE Analysis of Purified ZNF444 Mouse Monoclonal Antibody (PCRP-ZNF444-1E11). Confirmation of Purity and Integrity of Antibody.

### 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. As a member of the Kruppel C2H2-type zinc finger protein family, ZNF444 (zinc finger protein 444), also known as EZF2 or zinc finger and SCAN domain-containing protein 17 (ZSCAN17), is a 327 amino acid transcriptional regulator. ZNF444 localizes to the nucleus and contains four C2H2-type zinc fingers and one SCAN domain. The SCAN domain is a highly conserved motif that is found near the N-terminus of a subfamily of C2H2 zinc finger proteins. The SCAN domain helps to mediate self-association or selective association with other proteins bearing the SCAN domain. Two isoforms of ZNF444 exist due to alternative splicing events.

### 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.

### 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.