

## KLF17/ ZNF393 Antibody

Mouse Monoclonal Antibody [Clone PCR-P-KLF17-1G2]

Catalog No	Format	Size
128209-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
128209-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
128209-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

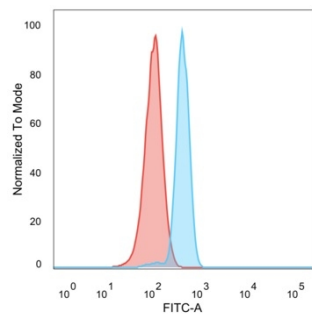
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Western Blot (WB)	2-4ug/ml	

### Product Details

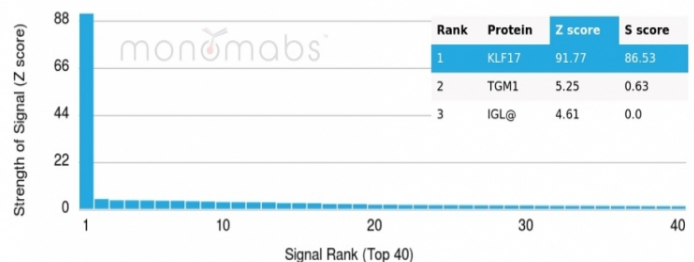
<b>Clone</b>	PCR-P-KLF17-1G2
<b>Gene Name</b>	KLF17
<b>Immunogen</b>	Recombinant full-length human KLF17protein
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG2a
<b>Mol. Weight of Antigen</b>	43kDa (predicted); 57kDa (observed)
<b>Cellular Localization</b>	Nucleus
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	HeLa cells.

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

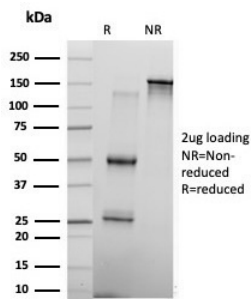
### Product Images for KLF17/ ZNF393 Antibody



Flow cytometric analysis of PFA-fixed HeLa cells. KLF17 Mouse Monoclonal Antibody (PCR-P-KLF17-1G2) 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 KLF17 Mouse Monoclonal Antibody (PCR-P-KLF17-1G2). 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 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 KLF17 Mouse Monoclonal Antibody (PCRP-KLF17-1G2). Confirmation of Purity and Integrity of Antibody.

### Specificity & Comments

Kr ppe-like factors (KLFs) comprise a family of evolutionarily conserved zinc finger-containing transcription factors with diverse regulatory functions in cell growth, proliferation, differentiation and embryogenesis. Individual members of the Sp1-like/KLF family can function either as activators or repressors, depending on which promoter they bind and which co-regulators they interact with. KLF17 (Kr ppe-like factor 17), whose alternative names include ZNF393 (zinc finger protein 393) or zfp393, is a 389 amino acid nuclear protein belonging to the Sp1 C2H2-type zinc-finger protein family. Expressed in testis and ovary, KLF17 may function as a germ cell-specific transcription factor involved in oocyte development and spermatid differentiation. Containing three C2H2-type zinc fingers which bind G/C-rich sites, KLF17 activates transcription from CACCC-box elements.

### 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.