

## Anti-KLF17 Antibody [PCRP-KLF17-1G2] - BSA and Azide free (A278147)

### Specifications:

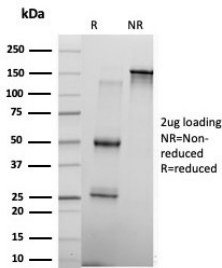
Name:	Anti-KLF17 Antibody [PCRP-KLF17-1G2] - BSA and Azide free
Description:	Mouse monoclonal [PCRP-KLF17-1G2] antibody to KLF17.
Specificity:	Kr ppe1-like factors (KLFs) comprise a family of evolutionarily conserved zinc finger-containing transcription factors with diverse regulatory functions in cell 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 ppe1-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.
Applications:	IP, WB, IF, Flow Cytometry
Recommended Dilutions:	IP: 1-2µg / 100-500µg proteins, WB: 1-2 µg/ml, IF: 1-2 µg/ml, Flow Cytometry: 1-2 µg/million cells
Reactivity:	Human
Immunogen:	Recombinant full-length human KLF17 protein.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	PCRP-KLF17-1G2
Isotype:	IgG2a
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
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 with BSA and Sodium Azide - Anti-KLF17 Antibody [PCRP-KLF17-1G2] (A277559).

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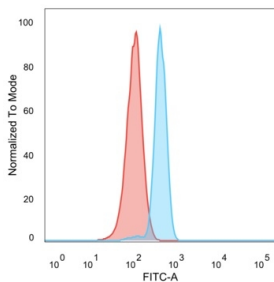
## Specifications continued:

**Disclaimer:** This product is for research use only. It is not intended for diagnostic or therapeutic use.

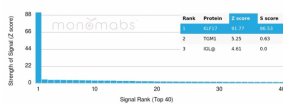
## Images:



SDS-PAGE analysis of Anti-KLF17 Antibody [PCRP-KLF17-1G2] 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.



Flow cytometric analysis of PFA-fixed HeLa cells using Anti-KLF17 Antibody [PCRP-KLF17-1G2] followed by Goat Anti-Mouse IgG (CF@ 488) (Blue). Unstained cells (Red).



Analysis of protein array containing more than 19,000 full-length human proteins using Anti-KLF17 Antibody [PCRP-KLF17-1G2]. 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.