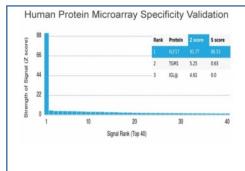


KLF17 Antibody [clone PCRP-KLF17-1G2] (V9608)

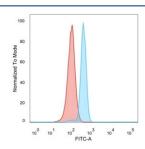
| Catalog No. | Formulation | Size |
|----------------|---|--------|
| V9608-100UG | 0.2~mg/ml in 1X PBS with $0.1~mg/ml$ BSA (US sourced), $0.05%$ sodium azide | 100 ug |
| V9608-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V9608SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

Bulk quote request

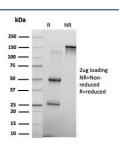
| Availability | 1-3 business days |
|--------------------|--|
| Species Reactivity | Human |
| Format | Purified |
| Clonality | Monoclonal (mouse origin) |
| Isotype | Mouse IgG2a |
| Clone Name | PCRP-KLF17-1G2 |
| Purity | Protein A/G affinity |
| UniProt | Q5JT82 |
| Localization | Nucleus |
| Applications | Western Blot : 1-2ug/ml Immunofluorescence : 1-2ug/ml Flow Cytometry : 1-2ug/million cells |
| Limitations | This KLF17 antibody is available for research use only. |



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using KLF17 antibody (clone PCRP-KLF17-1G2). These results demonstrate the foremost specificity of the PCRP-KLF17-1G2 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



FACS staining of PFA-fixed human HeLa cells with KLF17 antibody (blue, clone PCRP-KLF17-1G2), and unstained cells (red).



SDS-PAGE analysis of purified, BSA-free KLF17 antibody (clone PCRP-KLF17-1G2) as confirmation of integrity and purity.

Description

Kruppel-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 coregulators they interact with. KLF17 (Kruppel-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.

Application Notes

Optimal dilution of the KLF17 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human KLF17protein was used as the immunogen for the KLF17 antibody.

Storage

Aliquot the KLF17 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.