Product Datasheet

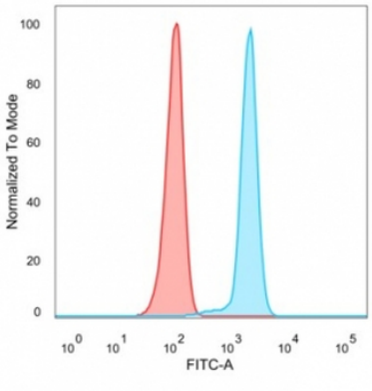
FOXL2 Antibody (orb1823593)

Description	FOXL2 is a critical factor essential for ovary differentiation and maintenance, and repression of the genetic program for somatic testis determination. It prevents trans-differentiation of ovary to testis through transcriptional repression of the sertoli cell-promoting gene SOX9. FOXL2 is mainly expressed in ovary, parathyroid gland and sex cord-stromal tumors. FOXL2 is generally used for diagnosis of sex cord-stromal tumors with Inhibin, Calretinin and SF-1.
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, FACS
Immunogen	The protein domain of FOXL2 protein was used as the immunogen for the FOXL2 antibody.
Storage	Aliquot the FOXL2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.
Note	For research use only
Formula	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide
Isotype	Mouse IgG2c
Clonality	Monoclonal
Clone Number	PCRP-FOXL2-1B4
Antibody Type	Primary Antibody
Uniprot ID	P58012
Hazard Information	This FOXL2 antibody is available for research use only.

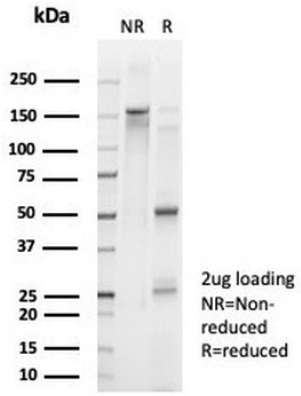
Biorbyt Ltd.
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0) 1223 859-353 | Fax: +1 (415) 651-8558

Biorbyt LLC.
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

Dilution Range	ELISA (Order BSA-free format for coating),Flow cytometry: 1-2ug/million cells
Expiration Date	12 months from date of receipt.



Flow cytometry testing of PFA-fixed human HeLa cells with FOXL2 antibody (clone PCRP-FOXL2-1B4) followed by goat anti-mouse IgG-CF488 (blue), Red = unstained cells.



SDS-PAGE analysis of purified, BSA-free FOXL2 antibody (clone PCRP-FOXL2-1B4) as confirmation of integrity and purity.

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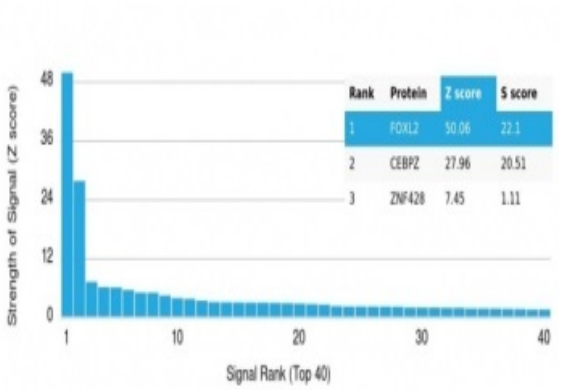

Analysis of a HuProt (TM) microarray containing more than 19000 full-length human proteins using FOXL2 antibody (clone PCRP-FOXL2-1B4). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (in combination with a fluorescently-tagged anti-IgG secondary antibody) 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 targets on 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-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.

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