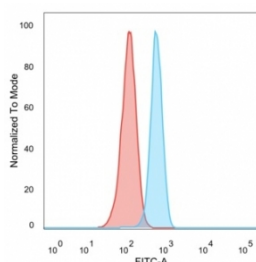


GLIS3 Antibody / GLIS family zinc finger 3 / ZNF515 [clone PCRP-GLIS3-1B11] (V9531)

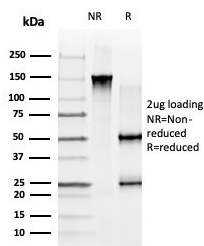
Catalog No.	Formulation	Size
V9531-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9531-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9531SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	PCRP-GLIS3-1B11
Purity	Protein A/G affinity
UniProt	Q8NEA6
Localization	Nucleus
Applications	ELISA (order BSA-free Format For Coating) : Flow Cytometry : 1-2ug/million cells
Limitations	This GLIS3 antibody is available for research use only.

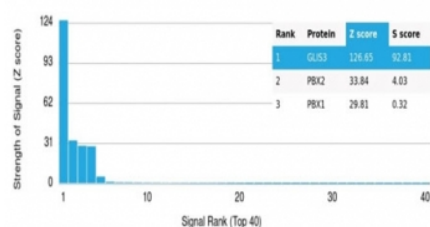


FACS staining of PFA-fixed human HeLa cells with GLIS3 antibody (blue, clone PCRP-GLIS3-1B11) and isotype control (red).



SDS-PAGE analysis of purified, BSA-free GLIS3 antibody (clone PCRP-GLIS3-1B11) as confirmation of integrity and purity.

Human Protein Microarray Specificity Validation



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using GLIS3 antibody (clone PCRP-GLIS3-1B11). These results demonstrate the foremost specificity of the PCRP-GLIS3-1B11 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.

Description

GLIS3 is a member of the GLI similar zinc finger protein family, and encodes a nuclear protein with five C2H2 type zinc finger domains. It functions as both an activator and repressor of transcription, and is specifically involved in the development of pancreatic beta cells, thyroid, eye, liver and kidney. Mutations in this gene have been associated with neonatal diabetes and congenital hypothyroidism (NDH). Alternatively spliced variants that encode different protein isoforms have been described but the full length nature of only two have been determined.

Application Notes

Optimal dilution of the GLIS3 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human protein was used as the immunogen for the GLIS3 antibody.

Storage

Aliquot the GLIS3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.