

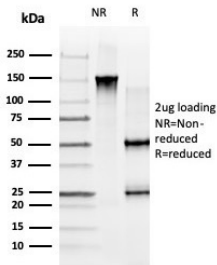
Anti-GLIS3 Antibody [PCRP-GLIS3-1B11] - BSA and Azide free (A278167)

Specifications:

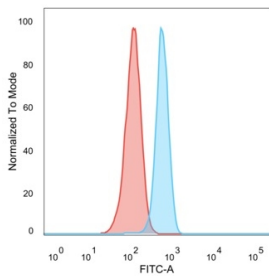
Name:	Anti-GLIS3 Antibody [PCRP-GLIS3-1B11] - BSA and Azide free
Description:	Mouse monoclonal [PCRP-GLIS3-1B11] antibody to GLIS3.
Specificity:	GLIS3 is a member of the GLI similar zinc finger protein family, and encodes a nuclear protein with five C2H2 type zinc finger domains. It functions as both 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.
Applications:	ELISA, Flow Cytometry, IP
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IP: 1-2µg / 100-500µg proteins
Reactivity:	Human
Immunogen:	Recombinant full-length human GLIS3 protein.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	PCRP-GLIS3-1B11
Isotype:	IgG1
Light Chains:	kappa
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-GLIS3 Antibody [PCRP-GLIS3-1B11] (A277579).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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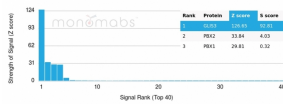
Images:



SDS-PAGE analysis of Anti-GLIS3 Antibody [PCRP-GLIS3-1B11] 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-GLIS3 Antibody [PCRP-GLIS3-1B11] followed by Goat Anti-Mouse IgG (CF® 488) (Blue). Isotype Control (Red).



Analysis of protein array containing more than 19,000 full-length human proteins using Anti-GLIS3 Antibody [PCRP-GLIS3-1B11]. 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.