GLIS family zinc finger 3 (GLIS3) / ZNF515 Antibody

Mouse Monoclonal Antibody [Clone PCRP-GLIS3-1B11]

Catalog No	Format	Size
169792-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
169792-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
169792-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

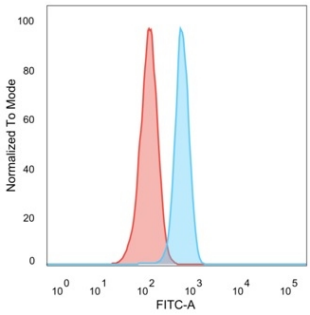
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	

Product Details

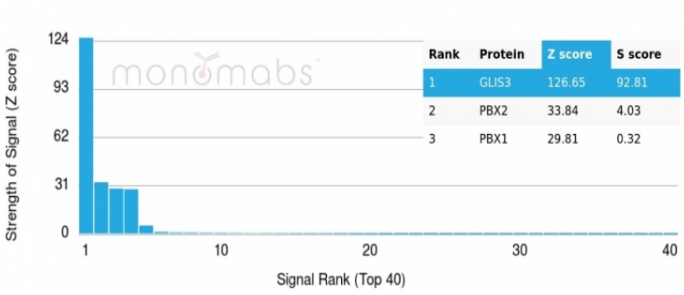
Clone	PCRP-GLIS3-1B11
Gene Name	GLIS3
Immunogen	Recombinant full-length human GLIS3 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	84kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	A549 or U-2 OS cells.

**Optimal dilution for a specific application should be determined.*

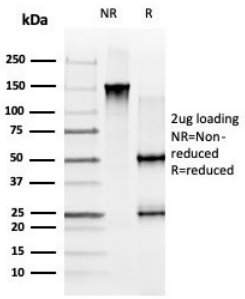
Product Images for GLIS family zinc finger 3 (GLIS3) / ZNF515 Antibody



Flow cytometric analysis of PFA-fixed HeLa cells. GLIS3 Mouse Monoclonal Antibody (PCRP-GLIS3-1B11) followed by goat anti-mouse IgG-CF488 (blue); isotype control (red).



Analysis of Protein Array containing more than 19,000 full-length human proteinsusing GLIS3-Monospecific Mouse Monoclonal Antibody (PCRP-GLIS3-1B11). Z- 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 HuProtTM 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 HuProtTM 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.



SDS-PAGE Analysis of Purified GLIS3 Mouse Monoclonal Antibody (PCRP-GLIS3-1B11). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

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.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide store at 2 to 8 °C. Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Nuclear Marker

Limitations and Warranty