Product Datasheet

LIN28A Antibody (orb1824532)

Description	LIN-28 is a highly conserved, RNA-binding, cytoplasmic protein. It consists of a cold shock domain and retroviral-type (CCHC) zinc finger motifs that were first identified in Caenorhabditis elegans. LIN-28 controls the timing of events during embryonic development and is readily expressed in embryos, embryonic stem cells and embryonal carcinoma cells. The presence of LIN-28 persists in some adult tissues including cardiac and skeletal muscle. In differentiating myoblasts, LIN-28 increases protein synthesis efficiency and binds to the growth and differentiation factor IGF-II.
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	FACS
Immunogen	A recombinant partial protein sequence (within amino acids 134-187) from the human protein was used as the immunogen for the LIN28A antibody.
Storage	Aliquot the LIN28A 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 IgG2a
Clonality	Monoclonal
Clone Number	PCRP-LIN28A-1E2
Antibody Type	Primary Antibody
Uniprot ID	Q9H9Z2

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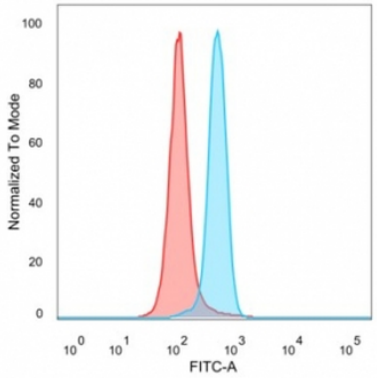
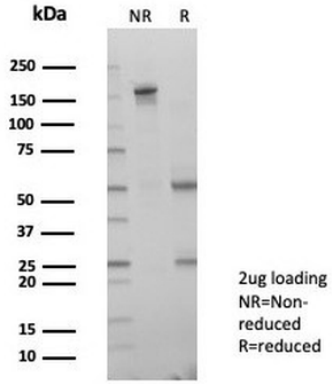
Hazard Information	This LIN28A antibody is available for research use only.
Dilution Range	Flow cytometry: 1-2ug/million cells
Expiration Date	12 months from date of receipt.



Flow cytometry testing of PFA-fixed human HeLa cells with LIN28A antibody (clone PCRP-LIN28A-1E2) followed by goat anti-mouse IgG-CF488 (blue), Red = unstained cells.



SDS-PAGE analysis of purified, BSA-free LIN28A antibody (clone PCRP-LIN28A-1E2) as confirmation of integrity and purity.

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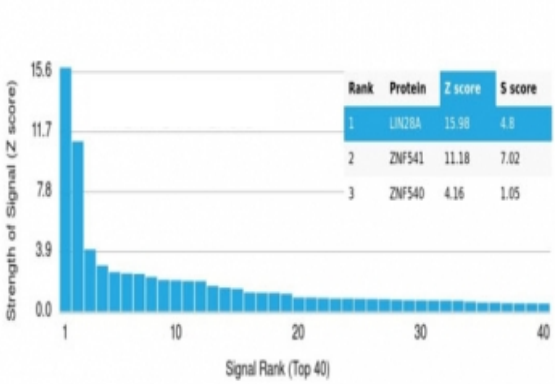

Analysis of a HuProt (TM) microarray containing more than 19000 full-length human proteins using LIN28A antibody (clone PCRP-LIN28A-1E2). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (in combination with a fluorescently-tagged anti-IgG secondary antibody) 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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