

Datasheet for ABIN6990210 **anti-LIN28A antibody (C-Term)**



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Overview

Quantity:	0.1 mg
Target:	LIN28A
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LIN28A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Mouse monoclonal Lin28 antibody was raised against a 15 amino acid peptide near the carboxy terminus of human Lin28. The immunogen is located within the last 50 amino acids of Lin28.
Clone:	1G9H9
Isotype:	IgG2b
Specificity:	At least two isoforms of Lin28 are known to exist, this antibody will detect both. Lin28 antibody will not cross-react with Lin28 Homolog B.
Purification:	Lin28 Monoclonal Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	LIN28A
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Target Details

Alternative Name:	Lin28 (LIN28A Products)
Background:	Lin28 Monoclonal Antibody: Lin28 is a transcription factor that was first identified through its key role in the pathway of developmental timing in <i>C. elegans</i> . The role of Lin28 in development suggested that it might be useful in the creation of stem cells that might be beneficial in cell replacement therapies in the treatment of several degenerative diseases. Artificial stem cells, termed induced pluripotent stem (iPS) cells, can be created by expressing Lin28 in addition to the transcription factors POU5F1, Sox2, and NANOG in mouse fibroblasts. More recently, experiments have demonstrated that iPS cells could be generated using expression plasmids expressing Lin28, Sox2, POU5F1 and c-Myc, eliminating the need for virus introduction, thereby addressing a safety concern for potential use of iPS cells in regenerative medicine.
Molecular Weight:	Predicted: 23 kDa
Gene ID:	79727
NCBI Accession:	NP_078950
UniProt:	Q9H9Z2
Pathways:	Stem Cell Maintenance

Application Details

Application Notes:	Lin28 antibody can be used for detection of Lin28 by Western blot at 0.5 - 1 µg/mL. Antibody validated: Western Blot in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Lin28 Monoclonal Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C

Handling

Storage Comment: Lin28 Monoclonal antibody can be stored at 4°C for three months and -20°C, stable for up to one year.