

For Research Use Only

# Lin28A-specific Monoclonal antibody



Catalog Number: 60147-1-Ig

## Basic Information

<b>Catalog Number:</b> 60147-1-Ig	<b>GenBank Accession Number:</b> NM_024674	<b>Purification Method:</b> Caprylic Acid/Ammonium Sulfate Precipitation
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 79727	<b>CloneNo.:</b> 4H8C1
<b>Source:</b> Mouse	<b>Full Name:</b> lin-28 homolog (C. elegans)	
<b>Isotype:</b> IgG2b	<b>Calculated MW:</b> 23 kDa	
	<b>Observed MW:</b> 28 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human

## Background Information

LIN28 is one of the four key human factors (OCT4, SOX2, NANOG and LIN28) used to reprogram human fibroblasts to an embryonic stem (ES) cell-like state known as the induced pluripotent stem (Ips) cell. Lin28 is a marker of undifferentiated human embryonic stem cells and a cytoplasmic Mrna-binding protein that binds to and enhances the translation of the IGF2 Mrna. LIN28 has also been shown to bind to the let-7 pre-miRNA and block production of the mature let-7 microRNA in mouse embryonic stem cells. This antibody is a mouse monoclonal antibody raised against a peptide mapping within human LIN28. This antibody recognize Lin28A specifically.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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## Selected Validation Data