

# Lin28A-specific Monoclonal antibody

Catalog Number: 60147-1-Ig

## Basic Information

**Catalog Number:**

60147-1-Ig

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG2b

**GenBank Accession Number:**

NM\_024674

**GeneID (NCBI):**

79727

**UNIPROT ID:**

Q9H9Z2

**Full Name:**

lin-28 homolog (C. elegans)

**Calculated MW:**

23 kDa

**Observed MW:**

28 kDa

**Purification Method:**

Caprylic Acid/Ammonium Sulfate  
Precipitation

**CloneNo.:**

4H8C1

## 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

