

Lin28A-specific Monoclonal antibody

Catalog Number: 60147-1-Ig

Basic Information

Catalog Number:

60147-1-Ig

Size:

150ul , Concentration: 1000 µg/ml by
Bradford method using BSA as the
standard;

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

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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