Product Name: **LIN28 Mouse Monoclonal Antibody**
Catalog #: **AMM80688**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ICC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	ICC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	23kDa

Antigen Information

Gene Name	LIN28
Alternative Names	CSDD1; LIN-28; LIN28A; ZCCHC1
Gene ID	79727.0
SwissProt ID	Q9H9Z2
Immunogen	Purified recombinant fragment of LIN28 (aa93-209) expressed in E. Coli.

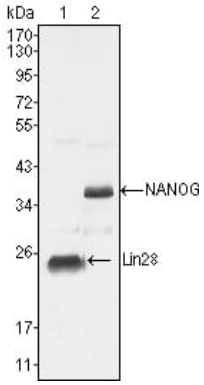
Background

LIN28: lin-28 homolog (C. elegans), also known as CSDD1, ZCCHC1. Entrez Protein NP_078950. LIN28 was first discovered in the nematode C. elegans. It is a heterochronic protein in C. elegans involved in the timing of developmental events and choice of stage specific cell fates. LIN28 expression has been found to be regulated post-transcriptionally by miRNAs in both nematodes

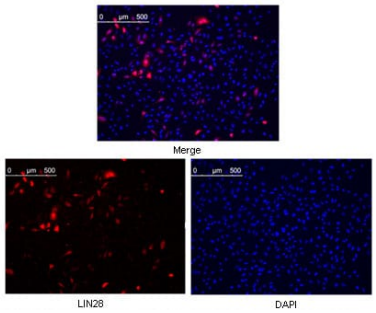
and mammals. In humans it is expressed in embryonic stem cells and its expression decreases during differentiation. It is negatively regulated by retinoic acid in neuronal differentiation.

Research Area

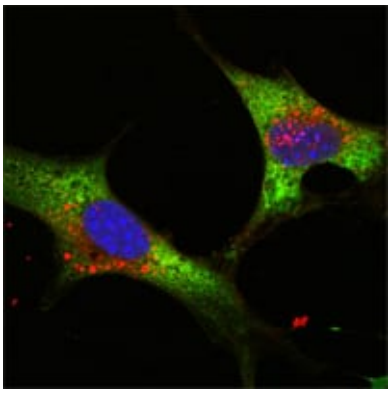
Image Data



Western blot analysis using LIN28 mouse mAb against NTERA-2 cell lysate (1).



Confocal Immunofluorescence analysis of methanol fixed Hela cells were transfected with pMX construct of human LIN28, cells were analyzed ~62 hours after transfection.



Confocal Immunofluorescence analysis of NTERA-2 cells using LIN28 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.