

For Research Use Only

CoraLite® Plus 488-conjugated LIN28A Monoclonal antibody

Catalog Number: CL488-60344



Basic Information

Catalog Number: CL488-60344	GenBank Accession Number: BC028566	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 79727	CloneNo.: 4F5G6
Source: Mouse	UNIPROT ID: Q9H9Z2	Recommended Dilutions: IF-P 1:50-1:500
Isotype: IgG1	Full Name: lin-28 homolog (C. elegans)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG2312	Calculated MW: 209 aa, 23 kDa	
	Observed MW: 28 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P : human prostate cancer tissue,
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. The calculated molecular weight of LIN28 is 23 kDa, but the modified LIN28 is about 28 kDa.

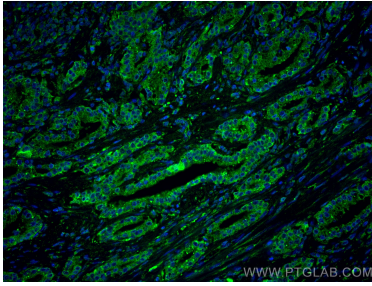
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human prostate cancer tissue using CoraLite® Plus 488 LIN28 antibody (CL488-60344, Clone: 4F5G6) at dilution of 1:200.