

For Research Use Only

CoraLite® Plus 647-conjugated NSD3 Polyclonal antibody



Catalog Number: CL647-11345

Featured Product

Basic Information

Catalog Number:

CL647-11345

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1894

GenBank Accession Number:

BC012059

GeneID (NCBI):

54904

UNIPROT ID:

Q9BZ95

Full Name:

Wolf-Hirschhorn syndrome candidate

1-like 1

Calculated MW:

1437 aa, 162 kDa

Observed MW:

160-170 kDa, 68-72 kDa

Purification Method:

Antigen affinity purification

Excitation/Emission maxima
wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, rat

Background Information

WHSC1L1, also named as NSD3 and DC28, belongs to the histone-lysine methyltransferase family and SET2 subfamily. It is histone methyltransferase. WHSC1L1 is a potentially transforming oncogenes based on the number of altered phenotypes expressed by the cells. It contains a PWWP-domain that is a methyl-lysine recognition motif involved in histone code modification and epigenetic regulation of gene expression. Knockdown of WHSC1L1 in 8p11-12-amplified breast cancer cells resulted in profound loss of growth and survival of these cells. (PMID: 20940404). This antibody recognize the long isoform (160-170 kDa) and short isoform (68-72 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:

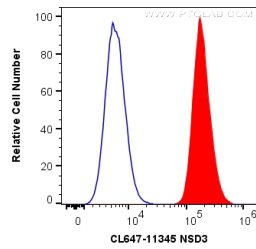
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human NSD3 (CL647-11345) (red), or 0.2 ug Isotype Control (blue). Cells were fixed with 4% PFA .