

## Anti-Human Perilipin A DyLight® 550 conjugated PLIN1 Antibody

Catalog Number: A03918-Dyl550

### About PLIN1

Perilipin, also known as lipid droplet-associated protein or PLIN, is a protein that, in humans, is encoded by the PLIN gene. The protein encoded by this gene coats lipid storage droplets in adipocytes, thereby protecting them until they can be broken down by hormone-sensitive lipase. The encoded protein is the major cAMP-dependent protein kinase substrate in adipocytes and, when unphosphorylated, may play a role in the inhibition of lipolysis.

### Overview

Product Name	Anti-Human Perilipin A DyLight® 550 conjugated PLIN1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-Human Perilipin A DyLight® 550 conjugated PLIN1 Antibody catalog # A03918-Dyl550. Tested in Flow Cytometry applications. This antibody reacts with Human.
Conjugate	DyLight®550
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	O60240

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Perilipin A, which shares 80% amino acid (aa) sequence identity with both mouse and rat Perilipin A.
Predicted Reactive Species	Human
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

Flow Cytometry, 1-3ug/1x10<sup>6</sup> cells

## Anti-Human Perilipin A DyLight® 550 conjugated PLIN1 Antibody (A03918-Dyl550) Images



Boster Kit Box

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