

## Anti-Human Dynamin 1 DyLight® 550 conjugated DNM1 Antibody

Catalog Number: A02536-DyI550

### About DNM1

Dynamin-1 is a protein that in humans is encoded by the DNM1 gene. This gene encodes a member of the dynamin subfamily of GTP-binding proteins. The encoded protein possesses unique mechanochemical properties used to tubulate and sever membranes, and is involved in clathrin-mediated endocytosis and other vesicular trafficking processes. Actin and other cytoskeletal proteins act as binding partners for the encoded protein, which can also self-assemble leading to stimulation of GTPase activity. More than sixty highly conserved copies of the 3' region of this gene are found elsewhere in the genome, particularly on chromosomes Y and 15. Alternatively spliced transcript variants encoding different isoforms have been described.

### Overview

Product Name	Anti-Human Dynamin 1 DyLight® 550 conjugated DNM1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-Human Dynamin 1 DyLight® 550 conjugated DNM1 Antibody catalog # A02536-DyI550. 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% Na <sub>3</sub> N.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q05193

### Technical Details

Immunogen	E. coli-derived human Dynamin 1 recombinant protein (Position: W616-D667).
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 Dynamin 1 DyLight® 550 conjugated DNM1 Antibody (A02536-DyI550) Images

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Boster Kit Box

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