

## Anti-Human PNP DyLight® 550 conjugated Antibody

Catalog Number: A00988-DyI550

### About PNP

The PNP gene encodes purine nucleoside phosphorylase, an enzyme that catalyzes the reversible phosphorolysis of the purine nucleosides and deoxynucleosides inosine, guanosine, deoxyinosine, and deoxyguanosine. It is presented results from gene dosage studies consistent with assignment of the PNP locus to band 14q13. PNP is expressed in most tissues, with markedly greater expression in lymphoid tissues. Genetic deficiencies of PNP result in severely compromised Tlymphocyte function and neurologic dysfunction.

### Overview

Product Name	Anti-Human PNP DyLight® 550 conjugated Antibody
Reactive Species	Human
Description	Boster Bio Anti-Human PNP DyLight® 550 conjugated Antibody catalog # A00988-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% 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	P00491

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human PNP, different from the related mouse sequence by six amino acids, and from the related rat sequence by five amino acids.
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 PNP DyLight® 550 conjugated Antibody (A00988-DyI550) Images



Boster Kit Box

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