

Anti-eIF3B Antibody Picoband® PE Conjugated

Catalog Number: PA2030-PE

About EIF3B

EIF3B (Eukaryotic Translation Initiation Factor 3, Subunit B), also called PRT1 or EIF3-p116, is a protein that in humans is encoded by the EIF3B gene. By searching an EST database, Methot et al. (1997) identified a cDNA encoding a human Prt1 homolog. Asano et al. (1997) demonstrated that the 115-kD component of HeLa cell eIF3 is actually composed of 2 proteins, p116 (PRT1) and an unrelated 110-kD protein. Chaudhuri et al. (1997) isolated cDNAs encoding PRT1, which they called p110 based on the size of the corresponding component of rabbit eIF3.

Overview

Product Name	Anti-eIF3B Antibody Picoband® PE Conjugated
Reactive Species	Human
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P55884

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human eIF3B, different from the related rat and mouse sequences by one amino acid.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	PE Excitation Wavelength: 566 nm Emission Wavelength: 574 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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Anti-eIF3B Antibody - PE

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