BOSTER BIOLOGICAL TECHNOLOGY
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Anti-TP53 Antibody Picoband® PE Conjugated

Catalog Number: A00001-2-PE

About TP53

This gene encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. The encoded protein responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. Mutations in this gene are associated with a variety of human cancers, including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of this gene and the use of alternate promoters result in multiple transcript variants and isoforms. Additional isoforms have also been shown to result from the use of alternate translation initiation codons from identical transcript variants.

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Overview

Product Name	Anti-TP53 Antibody Picoband® PE Conjugated
Reactive Species	Human
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P04637

Technical Details

Immunogen	E.coli-derived human TP53 recombinant protein (Position: M1-D186).
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL

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Purification	Immunogen affinity purified.
Conjugate	PE Excitation Wavelength: 565 nm Emission Wavelength: 575 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

Anti-TP53 Antibody - PE

For Research Use Only. Not for use in diagnostic procedures.