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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Dysbindin/DTNBP1 Antibody Picoband® Fluoro550 Conjugated

Catalog Number: A01509-1-Fluoro550

About DTNBP1

This gene encodes a protein that may play a role in organelle biogenesis associated with melanosomes, platelet dense granules, and lysosomes. A similar protein in mouse is a component of a protein complex termed biogenesis of lysosome-related organelles complex 1 (BLOC-1), and binds to alpha- and beta-dystrobrevins, which are components of the dystrophin-associated protein complex (DPC). Mutations in this gene are associated with Hermansky-Pudlak syndrome type 7. This gene may also be associated with schizophrenia. Multiple transcript variants encoding distinct isoforms have been identified for this gene.

Overview

Product Name	Anti-Dysbindin/DTNBP1 Antibody Picoband® Fluoro550 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, 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	Q96EV8

Technical Details

Immunogen	E.coli-derived human Dysbindin/DTNBP1 recombinant protein (Position: M1-S351). Human Dysbindin/DTNBP1 shares 79.4% and 78.6% amino acid (aa) sequence identity with mouse and rat Dysbindin/DTNBP1, respectively.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro550 Excitation Wavelength: 562 nm Emission Wavelength: 576 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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