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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-beta 3 Adrenergic Receptor/ADRB3 Antibody Picoband® Fluoro550 Conjugated

Catalog Number: A02104-3-Fluoro550

About ADRB3

The beta-3 adrenergic receptor (beta3 adrenoreceptor), also known as ADRB3, is a beta-adrenergic receptor, and also denotes the human gene encoding it. It is mapped to 8p11.23. The protein encoded by this gene belongs to the family of beta adrenergic receptors, which mediate catecholamine-induced activation of adenylate cyclase through the action of G proteins. This receptor is located mainly in the adipose tissue and is involved in the regulation of lipolysis and thermogenesis. Obesity and bodyweight-related disorders are correlated with certain polymorphisms in three subtypes of beta-adrenoceptor, among them, the ADRB3 gene.

Overview

Product Name	Anti-beta 3 Adrenergic Receptor/ADRB3 Antibody Picoband® Fluoro550 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
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	P13945

Technical Details

Immunogen	E.coli-derived human beta 3 Adrenergic Receptor/ADRB3 recombinant protein (Position: R179-S250).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro550 Excitation Wavelength: 562 nm Emission Wavelength: 576 nm

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Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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