BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Steroid sulfatase/STS Antibody Picoband® APC Conjugated

Catalog Number: A01198-2-APC

About STS

Steroid sulfatase (STS), or steryl-sulfatase, formerly known as arylsulfatase C, is a sulfatase enzyme involved in the metabolism of steroids. It is encoded by the STS gene. This gene encodes a multi-pass membrane protein that is localized to the endoplasmic reticulum. It belongs to the sulfatase family and hydrolyzes several 3-beta-hydroxysteroid sulfates, which serve as metabolic precursors for estrogens, androgens, and cholesterol. Mutations in this gene are associated with X-linked ichthyosis (XLI). Alternatively spliced transcript variants resulting from the use of different promoters have been described for this gene.

Overview

Product Name	Anti-Steroid sulfatase/STS Antibody Picoband® APC 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	P08842

Technical Details

Immunogen	E.coli-derived human STS recombinant protein (Position: K297-Q547).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	APC Excitation Wavelength: 633-647 nm Emission Wavelength: 660 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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antibody and ELISA experts

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