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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Cytochrome P450 2U1 CYP2U1 Antibody Picoband® FITC Conjugated

Catalog Number: PA2022-FITC

About CYP2U1

CYP2U1 (Cytochrome P450, Family 2, Subfamily U, Polypeptide 1), is a protein that in humans is encoded by the CYP2U1 gene. Members of the P450 enzyme family have roles in the tissue-specific conversion of substrates into locally active hormones, vitamins, and signaling molecules, including arachidonic acid derivatives known as eicosanoids. The International Radiation Hybrid Mapping Consortium mapped the CYP2U1 gene to chromosome 4.Chuang et al. (2004) stated that CYP2U1 maps to 4q25. Using recombination experiments in Sf9 insect cells, Chuang et al. (2004) found that CYP2U1 metabolized arachidonic acid, docosahexaenoic acid (DHA), and other long chain fatty acids. Chuang et al. (2004) suggested that CYP2U1 may play a role in brain and immune functions.

Overview

Product Name	Anti-Cytochrome P450 2U1 CYP2U1 Antibody Picoband® FITC Conjugated
Reactive Species	Human
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	Q7Z449

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human CYP2U1.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 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.