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Datasheet for ABIN893316

anti-Cytochrome b5 (CYTB5) (AA 9-80) antibody (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	Cytochrome b5 (CYTB5)
Binding Specificity:	AA 9-80
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Cytochrome b5
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig
Purification:	Purified by Protein A.

Target Details

Target:	Cytochrome b5 (CYTB5)
Alternative Name:	Cytochrome b5 (CYTB5 Products)

Target Details

Background: Synonyms: CYB 5, CYB 5A, CYB5, CYB5_HUMAN, CYB5A, Cytochrome b 5, Cytochrome b5 microsomal, Cytochrome b5, Cytochrome b5 type A microsomal, Cytochrome b5 type A, MCB 5, MCB5, Microsomal cytochrome b5, Microsomal cytochrome b5 type A, Type 1 cyt b5, CYB5A. Background: The protein encoded by this gene is a membrane-bound cytochrome that reduces ferric hemoglobin (methemoglobin) to ferrous hemoglobin, which is required for stearyl-CoA-desaturase activity. Defects in this gene are a cause of type IV hereditary methemoglobinemia. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010]

Gene ID: 1528

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months