

**CYB5R3 Mouse mAb[9Z6N]**

**Cat NO. :A80826**

**Information:**

Applications	Reactivity:	UniProt ID:	MW(kDa)	Host	Isotype	Size
WB,IHC,ICC/IF	H	P00387	33kDa	Mouse	IgG	50ul 100ul,200ul

**Applications detail:**

Application	Dilution
WB	1:1000-2000
IHC	1:100
ICC/IF	1:100
The optimal dilutions should be determined by the end user	

**Conjugate:**

UnConjugate

**Form:**

Liquid

**sensitivity:**

Endogenous

**Purification:**

Protein A purification

**Specificity:**

Antibody is produced by immunizing animals with a synthetic peptide of human CYB5R3.

**Storage buffer and conditions:**

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol (buffer) .

Shipped at 4°C. Store at-20°C or -80°C.

Products are valid for one natural year of receipt.Avoid repeated freeze / thaw cycles.

**Tissue specificity:**

Isoform 2 is expressed at late stages of erythroid maturation.

**Subcellular location:**

[Isoform 1]: Endoplasmic reticulum membrane,Lipid-anchor,Cytoplasmic side. Mitochondrion outer membrane,Lipid-anchor,Cytoplasmic side.,[Isoform 2]: Cytoplasm.

**Function:**

**Introduction:** **WB:** Western Blot **IP:** Immunoprecipitation **IHC:** Immunohistochemistry **ChIP:** Chromatin Immunoprecipitation **ICC/IF:** Immunocytochemistry/Immunofluorescence **F:** Flow Cytometry

**Cross Reactivity:** **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Ml:** mink **C:** chicken **Dm** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine  
**Dg:** dog **Pg:** pig **Hr:** horse

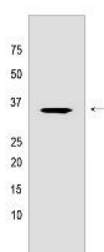
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Transfers two electrons from NADH to two molecules of cytochrome b5 through an enzyme-bound FAD. Electrons from the reduced cytochrome b5 are then transferred to various electron acceptors, thereby participating in methemoglobin reduction in red blood cells and in the desaturation and elongation of fatty acids, cholesterol biosynthesis and cytochrome P-450-mediated drug metabolism other tissues..

## Validation Data:

### CYB5R3 Mouse mAb[9Z6N] Images

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Western blot (SDS PAGE) analysis of extracts from HeLa cells. Using CYB5R3 Mouse mAb IgG [9Z6N] at dilution of 1:1000 incubated at 4°C over night.

View more information on <http://naturebios.com>

**IMPORTANT:** For western blots, incubate membrane with diluted primary antibody in 1% w/v Milk, 1X TBST at 4°C overnight.