

**Anti-CYB5R3 Rabbit Monoclonal Antibody**  
Catalog # ABO16339**Specification****Anti-CYB5R3 Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">P00387</a>
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-CYB5R3 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Rat.

**Anti-CYB5R3 Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 1727

**Other Names**

NADH-cytochrome b5 reductase 3, B5R, Cytochrome b5 reductase, 1.6.2.2, Diaphorase-1, CYB5R3 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=2873](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=2873) target="\_blank">HGNC:2873</a>), DIA1

**Calculated MW**

34 kDa KDa

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human CYB5R3

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-CYB5R3 Rabbit Monoclonal Antibody - Protein Information**

**Name** CYB5R3 ([HGNC:2873](#))

**Synonyms** DIA1

**Function**

Catalyzes the reduction of two molecules of cytochrome b5 using NADH as the electron donor.

**Cellular Location**

[Isoform 1]: Endoplasmic reticulum membrane; Lipid-anchor {ECO:0000250|UniProtKB:P20070}; Cytoplasmic side {ECO:0000250|UniProtKB:P20070}. Mitochondrion outer membrane; Lipid-anchor {ECO:0000250|UniProtKB:P20070}; Cytoplasmic side {ECO:0000250|UniProtKB:P20070}

**Tissue Location**

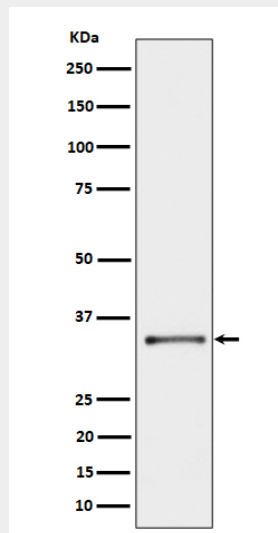
[Isoform 2]: Expressed at late stages of erythroid maturation.

**Anti-CYB5R3 Rabbit Monoclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-CYB5R3 Rabbit Monoclonal Antibody - Images**



Western blot analysis of CYB5R3 expression in A431 cell lysate.