

## CYB5 Antibody

Catalog No: #34264

Package Size: #34264-1 50ul #34264-2 100ul

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## Description

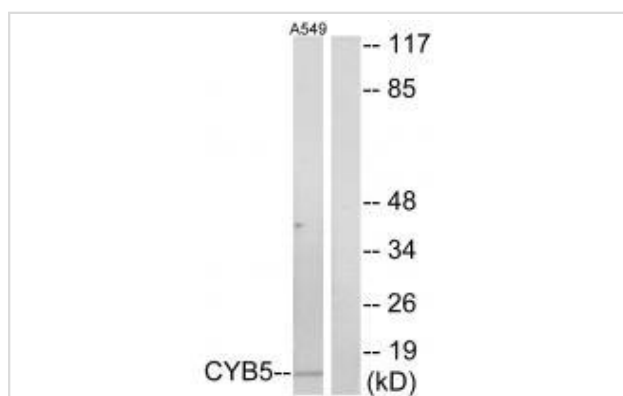
|                       |                                                                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | CYB5 Antibody                                                                                                                                      |
| Host Species          | Rabbit                                                                                                                                             |
| Clonality             | Polyclonal                                                                                                                                         |
| Purification          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| Applications          | WB IF                                                                                                                                              |
| Species Reactivity    | Hu Ms Rt                                                                                                                                           |
| Specificity           | The antibody detects endogenous levels of total CYB5 protein.                                                                                      |
| Immunogen Type        | Peptide                                                                                                                                            |
| Immunogen Description | Synthesized peptide derived from internal of human CYB5.                                                                                           |
| Target Name           | CYB5                                                                                                                                               |
| Other Names           | Cytochrome b5; CYB5A; CYB5;                                                                                                                        |
| Accession No.         | Swiss-Prot: P00167NCBI Gene ID: 1528                                                                                                               |
| Uniprot               | P00167                                                                                                                                             |
| GeneID                | 1528;                                                                                                                                              |
| SDS-PAGE MW           | 15kd                                                                                                                                               |
| Concentration         | 1.0mg/ml                                                                                                                                           |
| Formulation           | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage               | Store at -20°C                                                                                                                                     |

## Application Details

Western blotting: 1:500~1:3000

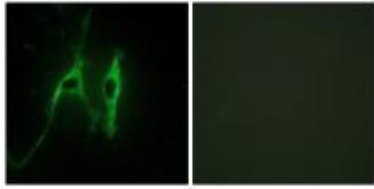
Immunofluorescence: 1:100~1:500

## Images



Western blot analysis of extracts from A549 cells, using CYB5 antibody #34264.

Immunofluorescence analysis of NIH/3T3 cells, using CYB5 antibody #34264.



## Background

Cytochrome b5 is a membrane bound hemoprotein which function as an electron carrier for several membrane bound oxygenases.

Yoo M., Biochem. Biophys. Res. Commun. 156:576-580(1988).

Li X.R., Biochem. Biophys. Res. Commun. 209:894-900(1995).

Giordano S.J., Biochem. Biophys. Res. Commun. 178:38-44(1991).

Note: This product is for in vitro research use only