

## Product datasheet for TA504639M

### CYB5R1 Mouse Monoclonal Antibody [Clone ID: OTI2D10]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2D10
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Dog, Rat, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CYB5R1(NP_057327) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	33.9 kDa
Gene Name:	cytochrome b5 reductase 1
Database Link:	<a href="#">NP_057327</a> <a href="#">Entrez Gene 72017 Mouse</a> <a href="#">Entrez Gene 304805 Rat</a> <a href="#">Entrez Gene 606823 Dog</a> <a href="#">Entrez Gene 51706 Human</a> <a href="#">Q9UHQ9</a>
Synonyms:	B5R.1; B5R1; B5R2; humb5R2; NQO3A2
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Amino sugar and nucleotide sugar metabolism


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## Product images:

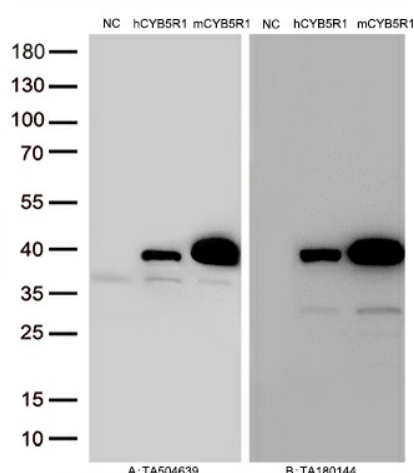
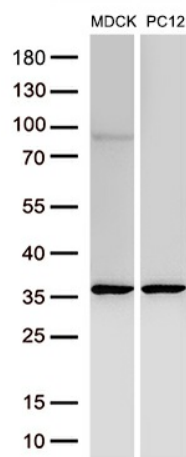


Figure A, Western blot analysis of overexpressed lysates (25ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC), human CYB5R1 plasmid ([RC205833], hCYB5R1), mouse CYB5R1 plasmid ([MR204299], mCYB5R1) using anti-CYB5R1 antibody [TA504639] (1:5000@1mg/ml). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:5000@1mg/ml).



Western blot analysis of extracts (50ug per lane) from 2 different cell lines by using anti-CYB5R1 antibody [TA504639], 1:2000@1mg/ml.