

## Product datasheet for **TA504564AM**

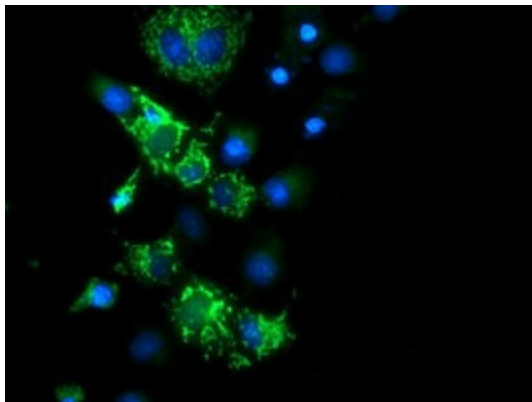
### **CYB5R1 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI4B7]**

#### **Product data:**

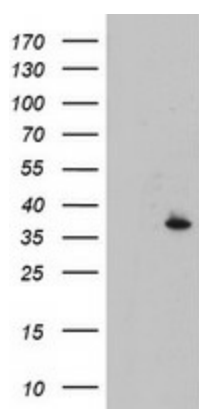
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI4B7
<b>Applications:</b>	IF, IHC, WB
<b>Recommended Dilution:</b>	WB 1:2000, IHC 1:150, IF 1:100
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human CYB5R1(NP_057327) produced in HEK293T cell.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	0.5 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Biotin
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	33.9 kDa
<b>Gene Name:</b>	cytochrome b5 reductase 1
<b>Database Link:</b>	<a href="#">NP_057327</a> <a href="#">Entrez Gene 72017 Mouse</a> <a href="#">Entrez Gene 304805 Rat</a> <a href="#">Entrez Gene 51706 Human</a> <a href="#">Q9UHQ9</a>
<b>Synonyms:</b>	B5R.1; B5R1; B5R2; humb5R2; NQO3A2
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Amino sugar and nucleotide sugar metabolism



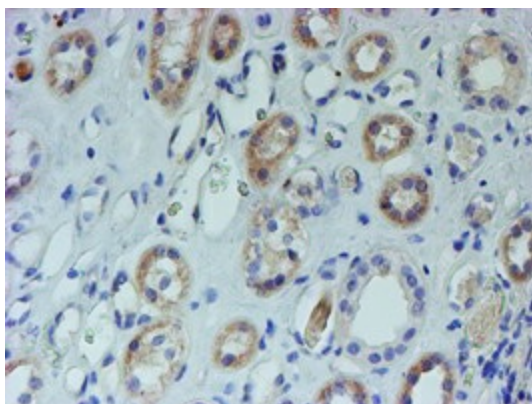
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**Product images:**

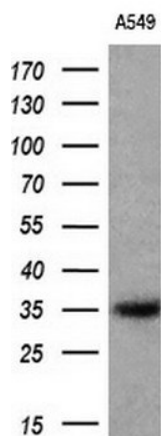
Western blot analysis of extracts (10ug) from A549 cell line by using anti-CYB5R1 monoclonal antibody (1:200).



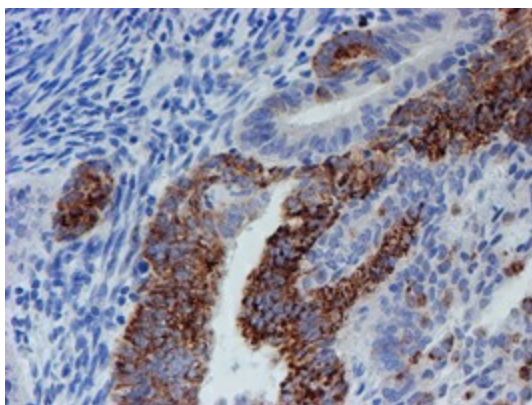
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY CYB5R1 (Cat# [RC205833], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CYB5R1 (Cat# [TA504564]). Positive lysates [LY402525] (100ug) and [LC402525] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-CYB5R1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504564])



Western blot analysis of extracts (10ug) from 1 cell line by using anti-CYB5R1 monoclonal antibody (1:200).



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-CYB5R1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504564])