

Product datasheet for **CF503251**

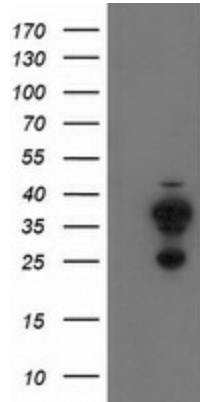
CYB5R2 Mouse Monoclonal Antibody [Clone ID: OTI4B9]

Product data:

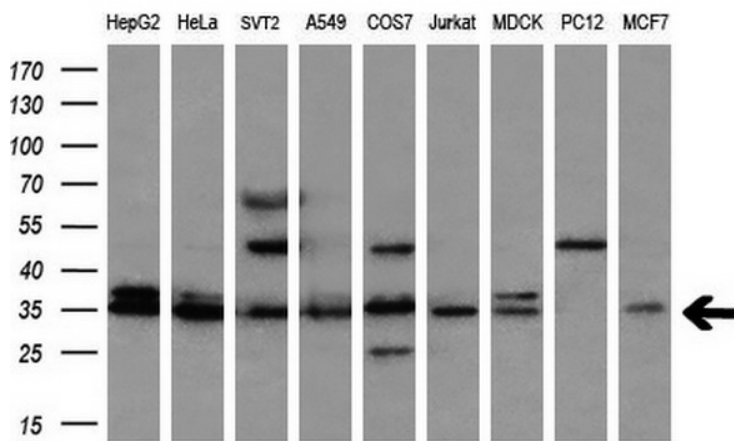
Product Type:	Primary Antibodies
Clone Name:	OTI4B9
Applications:	FC, WB
Recommended Dilution:	WB 1:2000, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CYB5R2 (NP_057313) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
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:	31.3 kDa
Gene Name:	cytochrome b5 reductase 2
Database Link:	NP_057313 Entrez Gene 51700 Human Q6BCY4
Synonyms:	B5R.2
Protein Families:	Druggable Genome



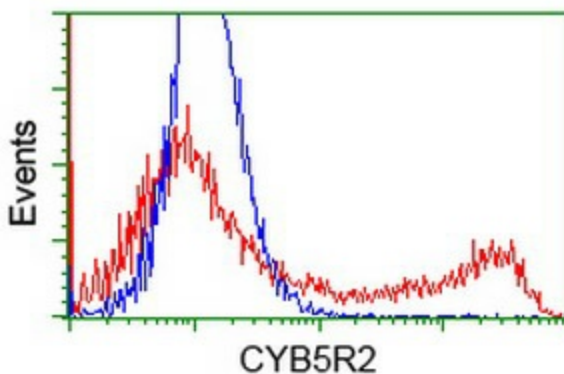
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Product images:


HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY CYB5R2 (Cat# [RC217261], 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-CYB5R2(Cat# [TA503251]). Positive lysates [LY414112] (100ug) and [LC414112] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-CYB5R2 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human) (1:200).



HEK293T cells transfected with either [RC217261] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-CYB5R2 antibody ([TA503251]), and then analyzed by flow cytometry.