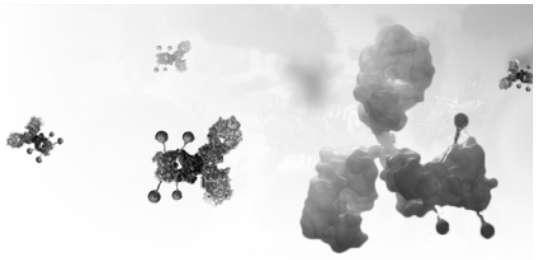

Mouse anti-Human CYB5R4 monoclonal antibody, clone 2F9 (CABT-B10053)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	CYB5R4 (NP_057314, 388 a.a. ~ 488 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	2F9
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	VKLMFFNKTEDDIIWRSQLEKLAFKDKRLDVEFVLSAPISEWNGKQGHISPALLSEFLKR NLDKSKVLVCICGPVPFTEQGVRLLHDLNFSKNEIHSFTA*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	NCB5OR is a flavohemoprotein that contains functional domains found in both cytochrome b5 (CYB5A; MIM 613218) and CYB5 reductase (CYB5R3; MIM 613213) (Zhu et al., 1999

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	[PubMed 10611283]).[supplied by OMIM, Jan 2010]
Keywords	CYB5R4; cytochrome b5 reductase 4; NCB5OR; cb5/cb5R; dJ676J13.1; flavohemoprotein b5+b5R; flavohemoprotein b5/b5R; NADPH cytochrome B5 oxidoreductase; cytochrome b-type NAD(P)H oxidoreductase; N-terminal cytochrome b5 and cytochrome b5 oxidoreductase domain-containing protein;

GENE INFORMATION

Entrez Gene ID	51167
UniProt ID	Q7L1T6
Function	NAD(P)H oxidase activity; NOT NAD(P)H oxidase activity; cytochrome-b5 reductase activity; heme binding; metal ion binding; oxidoreductase activity; oxidoreductase activity, acting on NADH or NADPH, heme protein as acceptor

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