

小鼠抗 CYB5R1 单克隆抗体

中文名称: 小鼠抗 CYB5R1 单克隆抗体

英文名称: Anti-CYB5R1 mouse monoclonal antibody

别名: B5R.1; B5R1; B5R2; humb5R2; NQO3A2

储存: 冷冻 (-20℃) 避光

抗原: CYB5R1

宿主: Mouse

反应种属: Human

标记物: Unconjugate

相关类别: 一抗

克隆类型: mouse monoclonal

技术规格

Background:

NADH-cytochrome b5 reductases participate in a variety of physiological processes including biosynthesis of cholesterol, methemoglobin reduction of erythrocytes, elongation of fatty acids and metabolism of drugs. CYB5R1 (cytochrome b5 reductase 1), also known as NADH-cytochrome b5 reductase 1, B5R1, NQO3A2, humb5R2 or NAD(P)H:quinone oxidoreductase type 3 polypeptide A2, is a 305 amino acid single-pass membrane protein that contains one FAD-binding FR-type domain and belongs to the flavoprotein pyridine nucleotide cytochrome reductase family.

	Widely expressed, CYB5R1 binds FAD as a cofactor and is encoded by a gene located on human chromosome 1. Human chromosome 1 spans 260 million base pairs, contains over 3,000 genes, comprises nearly 8% of the human genome and houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome.
Applications:	WB, IHC, IF
Name of antibody:	CYB5R1
Immunogen:	Fusion protein of human CYB5R1
Full name:	cytochrome b5 reductase 1 (CYB5R1)
Synonyms:	B5R.1; B5R1; B5R2; humb5R2; NQO3A2
SwissProt:	Q9UHQ9
IHC positive control:	adenocarcinoma of human endometrium tissue and human kidney tissue
IHC Recommend dilution:	30-150
WB Predicted band size:	34 kDa
WB Positive control:	A549 cell lysate
WB Recommended dilution:	500-2000