

# MDH1 (YD13870) Rabbit mAb

货号: **AYD15484**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB ICC/IF FC IP
推荐浓度	
理论分子量	36kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,THP-1,HeLa,Jurkat,Mouse liver,Mouse kidney,Mouse heart,Mouse eye,Rat kidney
细胞定位	Cytoplasm, cytosol
纯化	

## 抗原信息

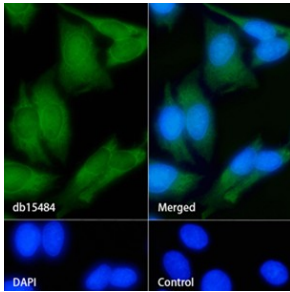
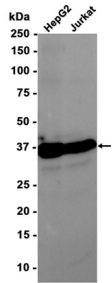
抗原信息	
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## 靶点信息

研究背景	<p>This gene encodes an enzyme that catalyzes the NAD/NADH-dependent, reversible oxidation of malate to oxaloacetate in many metabolic pathways, including the citric acid cycle. Two main isozymes are known to exist in eukaryotic cells: one is found in the mitochondrial matrix and the other in the cytoplasm. This gene encodes the cytosolic isozyme, which plays a key role in the malate-aspartate shuttle that allows malate to pass through the mitochondrial membrane to be transformed into oxaloacetate for further cellular processes. Alternatively spliced transcript variants have been found for this gene. A recent study showed that a C-terminally extended isoform is produced by use of an alternative in-frame translation termination codon via a stop codon readthrough mechanism, and that this isoform is localized in the peroxisomes. Ps eudogenes have been identified on chromosomes X and 6.</p>
基因ID	4190

基因名	MDH1
Swiss	P40925
别名	MDH1 (YD13870)

## 产品验证



## 实验步骤

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