



ADHFE1 Mouse mAb

Catalog No	YP-mAb-19529
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	ADHFE1 HMFT2263
Immunogen	Synthesized peptide derived from human ADHFE1. AA range:202-302
Specificity	This antibody detects endogenous levels of ADHFE1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	ADHFE1 HMFT2263;Hydroxyacid-oxoacid transhydrogenase, mitochondrial (HOT) (Alcohol dehydrogenase iron-containing protein 1) (ADHFe1) (Fe-containing alcohol dehydrogenase)
Observed Band	
Calculated Molecular Weight	51kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Only expressed in adult liver.
Function	Catalyzes the cofactor-independent reversible oxidation of gamma-hydroxybutyrate (GHB) to succinic semialdehyde (SSA) coupled to reduction of 2-ketoglutarate (2-KG) to D-2-hydroxyglutarate (D-2-HG) . D ,L-3-hydroxyisobutyrate and L-3-hydroxybutyrate (L-3-OHB) are also substrates for HOT with 10-fold lower activities.
Background	
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images