Beijing Emarbio Science & Technology Co.,LTD

Anti-FH Fumarase Mouse Monoclonal Antibody(8E2)

Catalog No.	EM42083-01	EM42083-02
Size	50μl	100μl

Species **Human Mouse Rat** ***Molecular Weight:*** **48KD**

Background:Fumarase (FH) is an enzyme that catalyzes the reversible hydration/dehydration of fumarate to malate. Fumarase comes in two forms: mitochondrial and cytosolic. The mitochondrial isoenzyme is involved in the Krebs Cycle (also known as the Tricarboxylic Acid Cycle [TCA] or the Citric Acid Cycle), and the cytosolic isoenzyme is involved in the metabolism of amino acids and fumarate. Subcellular localization is established by the presence of a signal sequence on the amino terminus in the mitochondrial form, while subcellular localization in the cytosolic form is established by the absence of the signal sequence found in the mitochondrial variety.

Specificity: FH Mouse Monoclonal antibody detects endogenous FH proteins.

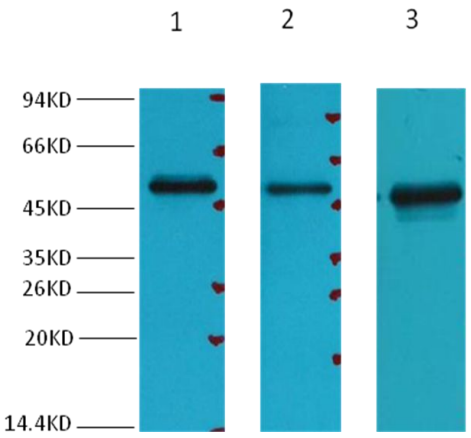
Application：**WB: 1:1,000-3000 IF1:100-200**

Optimal dilutions/concentrations should be determined by the end user.

Form：Liquid ,1mg/ml

Storage buffer：PBS, pH 7.4, containing 0.02% ***sodium azide*** as Preservative and 50% Glycerol.

Storage: Store at -20°C. Do not aliquot the antibody.



Western blot analysis of 1) 293T, 2) HepG2, 3) Hela, with FH Mouse mAb diluted at 1:3,000.