



FH/Fumarase Mouse Monoclonal Antibody(2B11)

E12-196

Catalog Number: E12-196**Amount:** 50 μ L, 100 μ L

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.

Alternative Names: Strep Tag II antibody, NWSHPQFEK Tag Antibody

Molecular Weight 48KD

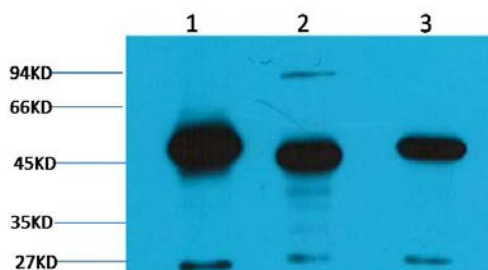
Isotype IgG1

Storage/Stability: PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Store at -20°C. Do not aliquot the antibody.

Specificity/Sensitivity: FH Mouse Monoclonal antibody detects endogenous FH proteins.

Reactivity: H, R, M

Applications: WB: 1:1,000-3,000



Western blot analysis of 1) Hela, 2) Mouse Brain Tissue, 3) Rat Brain tissue with E12-196 diluted at 1:2,000.

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