

FH Monoclonal Antibody

catalog number: E-AB-22031

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

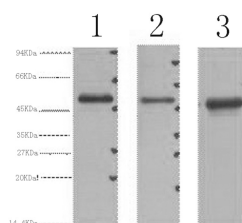
Reactivity	Human;Mouse;Rat
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG
Clone	5H2
Purification	Protein A purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

Applications

Recommended Dilution

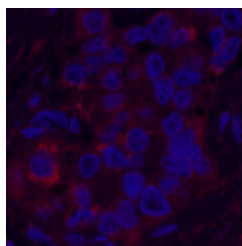
WB	1:500-1:3000
IHC	1:50-300
IF	1:100-1:300

Data

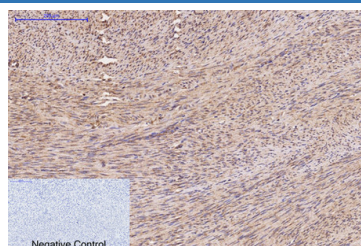


Western Blot analysis of 1) 293T, 2) HepG2, 3) HeLa cells using FH Monoclonal Antibody at dilution of 1:3000.

Observed-MV:50 kDa



Immunofluorescence analysis of Human liver cancer tissue using FH Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Human uterus tissue using FH Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

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The protein encoded by this gene is an enzymatic component of the tricarboxylic acid (TCA) cycle, or Krebs cycle, and catalyzes the formation of L-malate from fumarate. It exists in both a cytosolic form and an N-terminal extended form, differing only in the translation start site used. The N-terminal extended form is targeted to the mitochondrion, where the removal of the extension generates the same form as in the cytoplasm. It is similar to some thermostable class II fumarases and functions as a homotetramer. Mutations in this gene can cause fumarase deficiency and lead to progressive encephalopathy.

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