

Mouse Fumarase Monoclonal Antibody | anti-FH antibody

Fumarase Mouse Monoclonal Antibody(7F1)

CATALOG # AAA300701	HOST Mouse	REACTIVITY Human, Rat, Mouse	APPLICATIONS Western Blot
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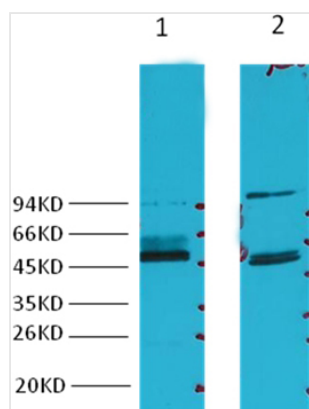
PRODUCT SYNONYMS

Fumarase; Monoclonal Antibody; Fumarase Mouse Monoclonal Antibody(7F1); FH; fumarate hydratase; Fumarate hydratase; mitochondrial; FUMH; HLRCC; LRCC; MCL; MCUL1; anti-FH antibody

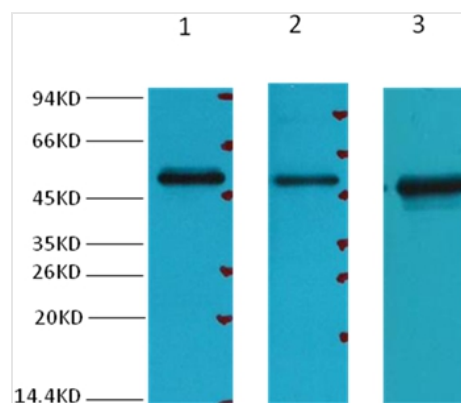
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Clone Number	7F1
Specificity	FH Mouse Monoclonal antibody detects endogenous FH proteins.
Purity/Purification	Affinity purification using immunogen.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	510
Applicable Applications for anti-FH antibody	WB (Western Blot)
Target Name	Fumarase
Preparation and Storage	Store at -20 degree C

IMAGES


WB (Western Blot)

Western blot analysis of 1) Mouse Brain tissue, 2) Rat Brain tissue., using diluted at 1:3,000.


WB (Western Blot)

Western blot analysis of 1) 293T, 2) HepG2, 3) HeLa cells, using diluted at 1:3,000.

ADDITIONAL INFORMATION

Related Product Information for anti-FH antibody	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.
Product Categories/Family for anti-FH antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	19743875
NCBI GeneID	2271
NCBI Accession #	NP_000134.2
NCBI GenBank Nucleotide #	NM_000143.3
UniProt Accession #	P07954; B1ANK7
Molecular Weight	50,213 Da
NCBI Official Full Name	fumarate hydratase, mitochondrial
NCBI Official Synonym Full Names	fumarate hydratase
NCBI Official Symbol	FH
NCBI Official Synonym Symbols	MCL; FMRD; LRCC; HLRCC; MCUL1
NCBI Protein Information	fumarate hydratase, mitochondrial
UniProt Protein Name	Fumarate hydratase, mitochondrial
UniProt Gene Name	FH
UniProt Synonym Gene Names	Fumarase
UniProt Entry Name	FUMH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fumarase-antibody-clone-7f1-western-blot-elisa/300701>