

Mouse FH/Fumarase Monoclonal Antibody | anti-FH antibody

FH/Fumarase Mouse mAb

CATALOG # AAA276833	HOST Mouse	REACTIVITY Human, Rat, Mouse	APPLICATIONS Immunofluorescence, Western Blot
-------------------------------	----------------------	--	---

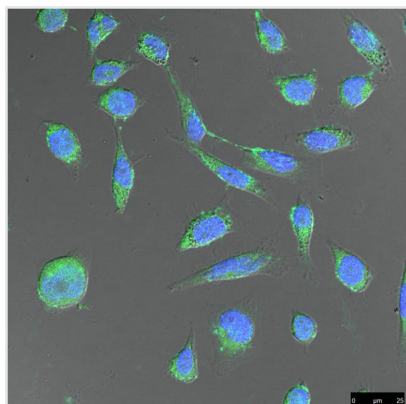
PRODUCT SYNONYMS

FH/Fumarase; Monoclonal Antibody; FH/Fumarase Mouse mAb; Fumarase; fumarate hydratase; HLRCC; LRCC; MCL; MCUL1; anti-FH antibody

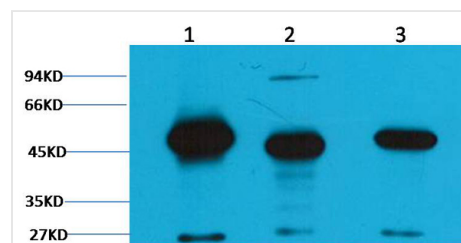
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Isotype	IgG1
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-FH antibody	IF (Immunofluorescence), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IF (Immunofluorescence)

IF analysis of Hela with EM1156 diluted at 1:100.


WB (Western Blot)

Western blot analysis of 1) Hela, 2) Mouse Brain Tissue, 3) Rat Brain tissue with EM1156 diluted at 1:2,000.

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	Cytoplasm; Mitochondrion

NCBI AND UNIPROT INFORMATION

NCBI GI #	19743875
NCBI GeneID	2271
NCBI Accession #	NP_000134.2
NCBI GenBank Nucleotide #	NM_000143.3
UniProt Accession #	P07954
Molecular Weight	54,637 Da
NCBI Official Full Name	fumarate hydratase, mitochondrial
NCBI Official Synonym Full Names	fumarate hydratase
NCBI Official Symbol	FH
NCBI Official Synonym Symbols	MCL; LRCC; HLRCC; MCUL1
NCBI Protein Information	fumarate hydratase, mitochondrial; fumarase
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/fh-fumarase-antibody-immunofluorescence-western-blot-elisa/276833>