

FH Fumarase Monoclonal Antibody(2B11)

Catalog # AP63379

Product Information

Application	WB, IF
Primary Accession	<u>P07954</u>
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	54637

Additional Information

Gene ID	2271
Other Names	Fumarate hydratase, mitochondrial (Fumarase) (EC 4.2.1.2)
Dilution	WB~~WB: 1:1000-2000 IF~~1:50~200
Format	PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.
Storage Conditions	-20°C

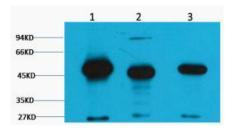
Protein Information

Name	FH {ECO:0000303 PubMed:27037871, ECO:0000312 HGNC:HGNC:3700}
Function	Catalyzes the reversible stereospecific interconversion of fumarate to L-malate (PubMed: <u>30761759</u>). Experiments in other species have demonstrated that specific isoforms of this protein act in defined pathways and favor one direction over the other (Probable).
Cellular Location	[Isoform Mitochondrial]: Mitochondrion
Tissue Location	Expressed in red blood cells; underexpressed in red blood cells (cytoplasm) of patients with hereditary non-spherocytic hemolytic anemia of unknown etiology.

Background

Also acts as a tumor suppressor.

Images



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